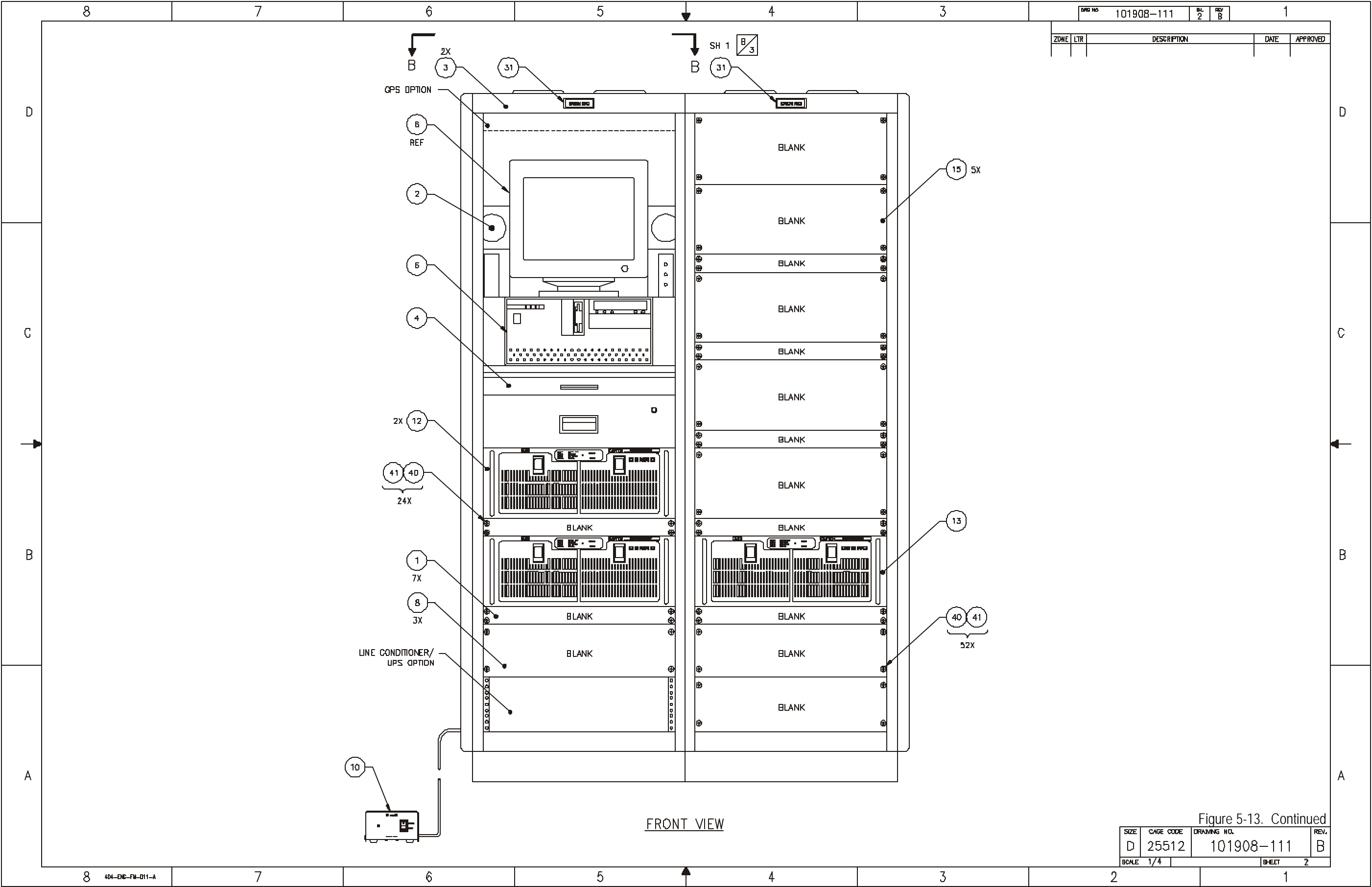
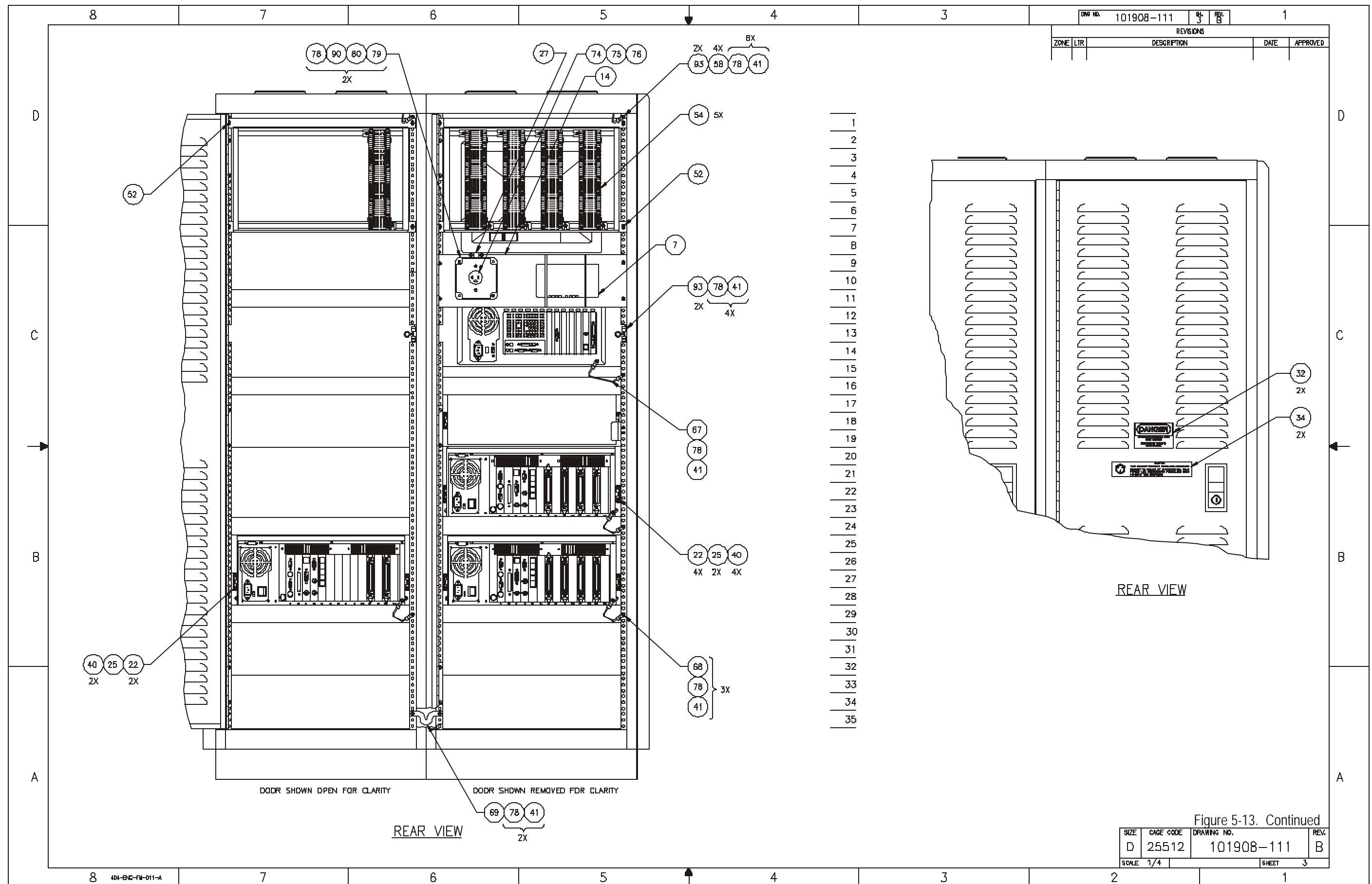


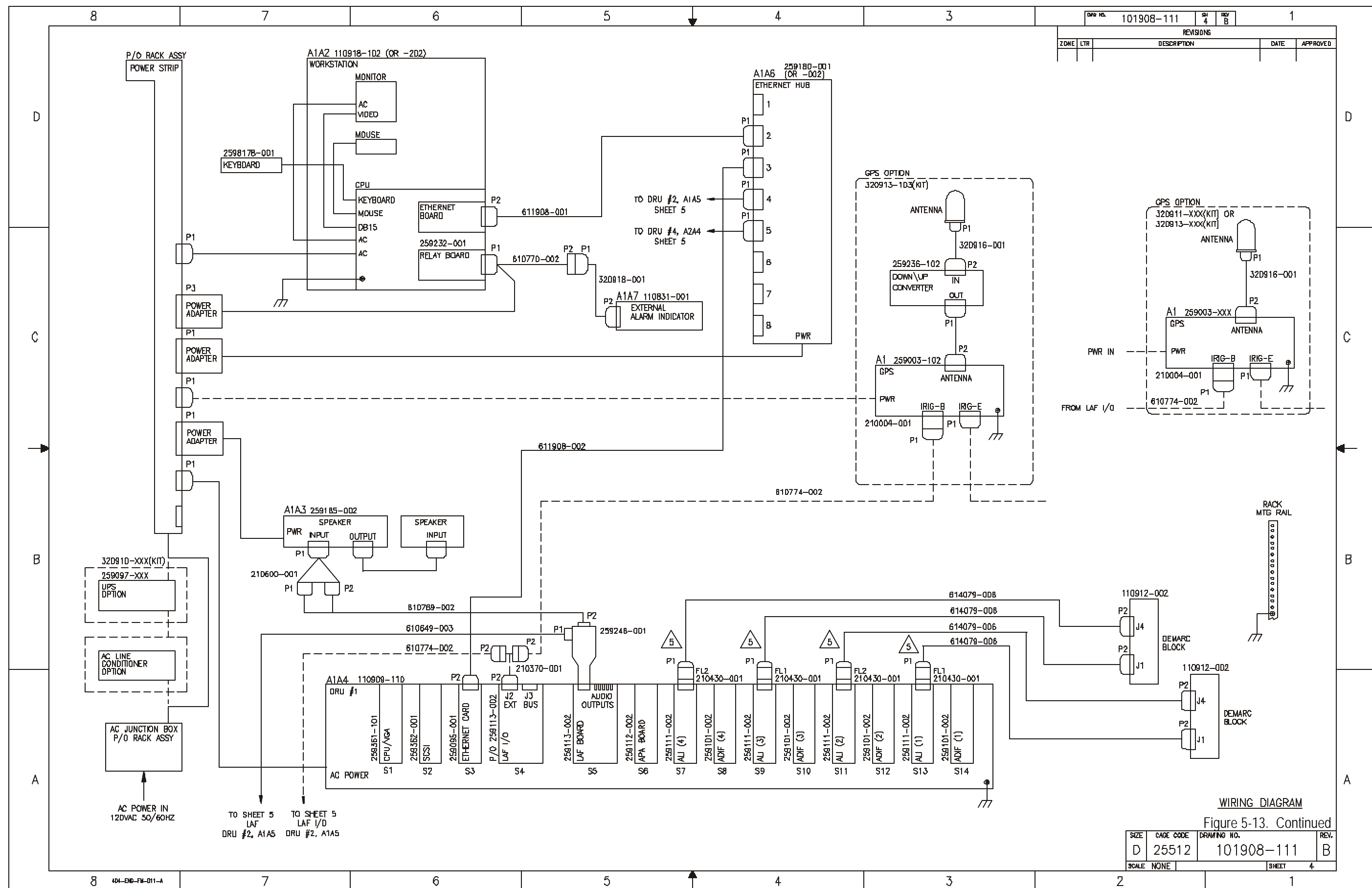
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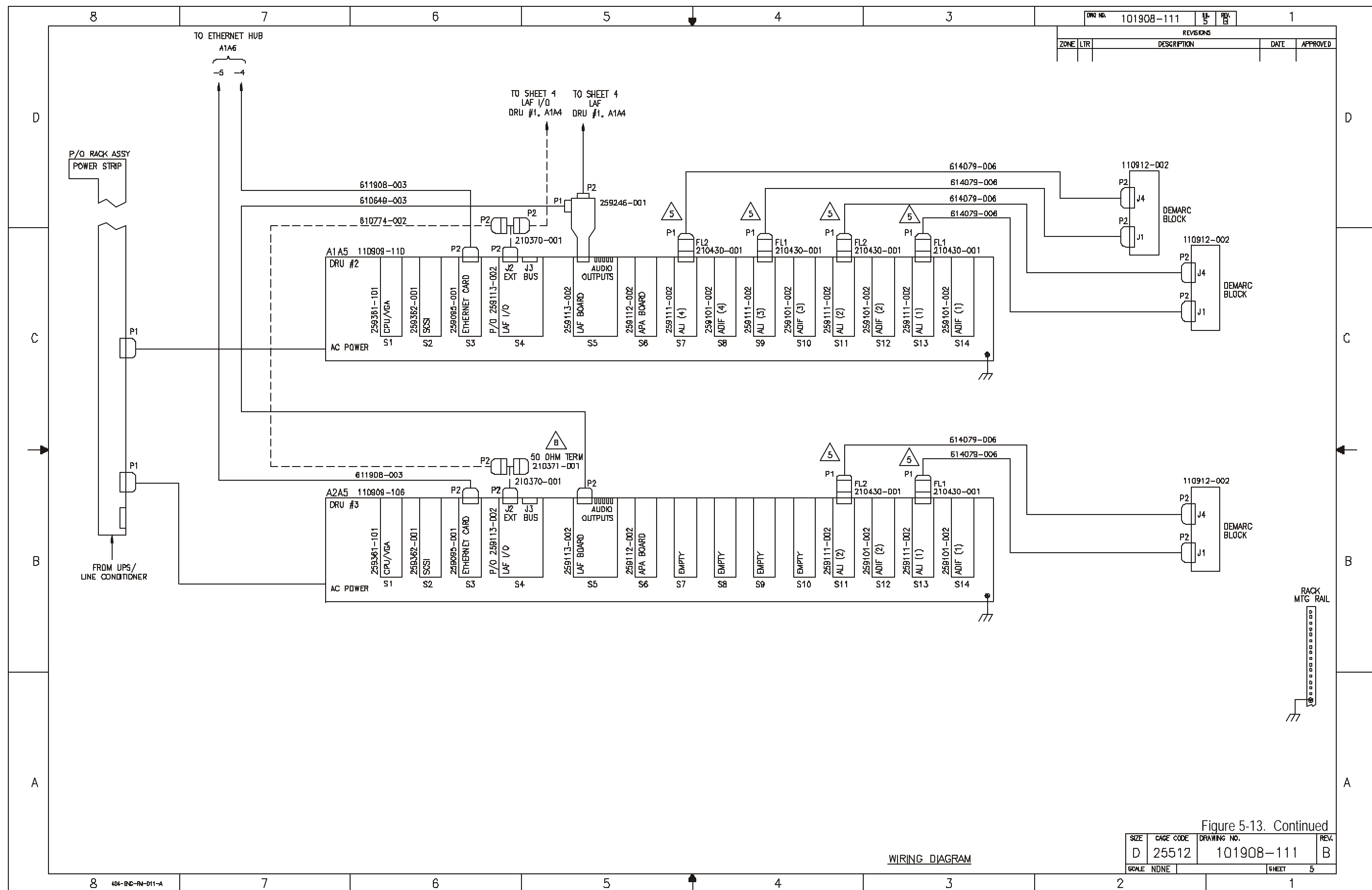
KEEP FOR PAGE COUNT

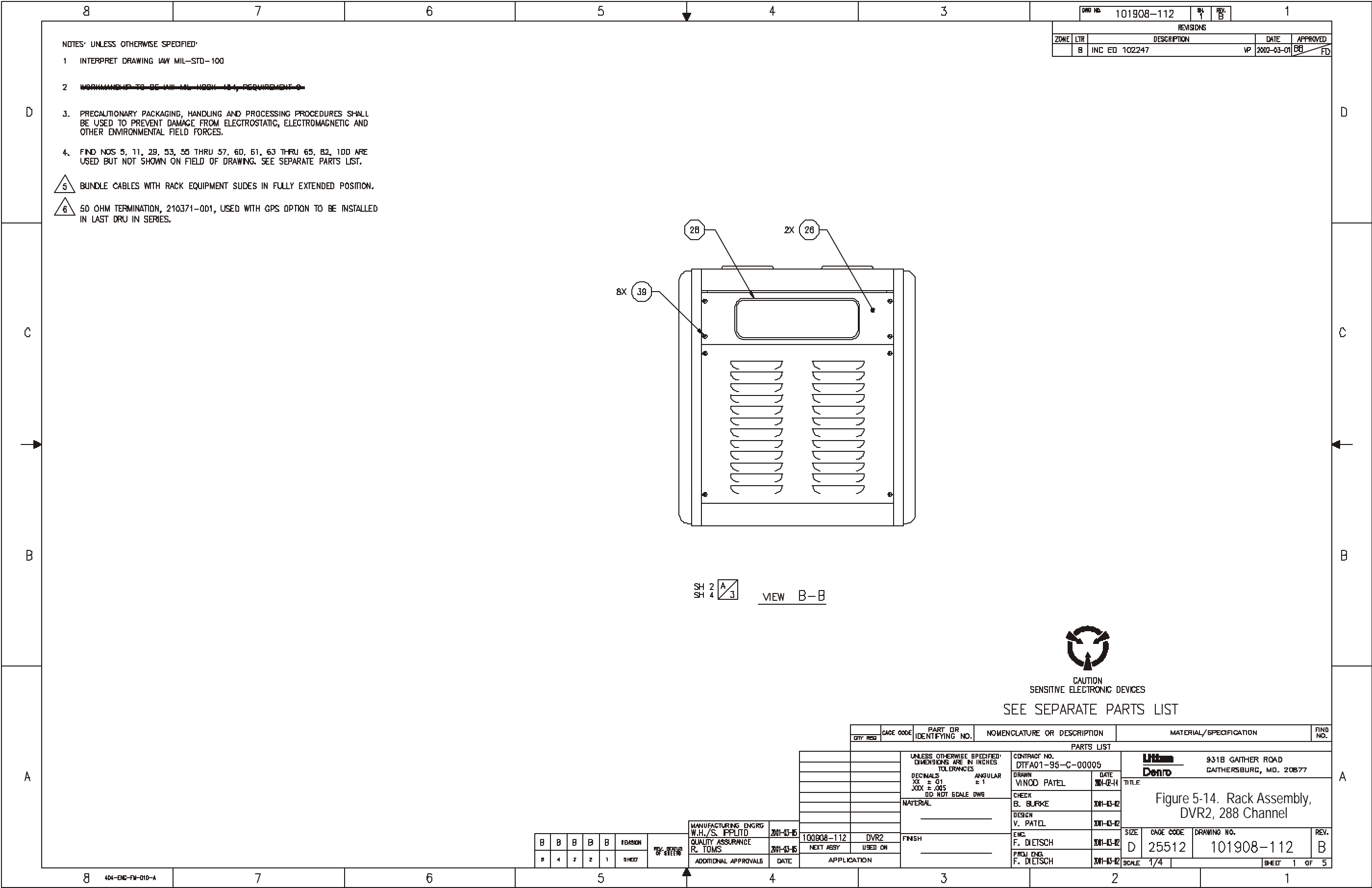
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8 404-ENG-FM-010-A

7

6

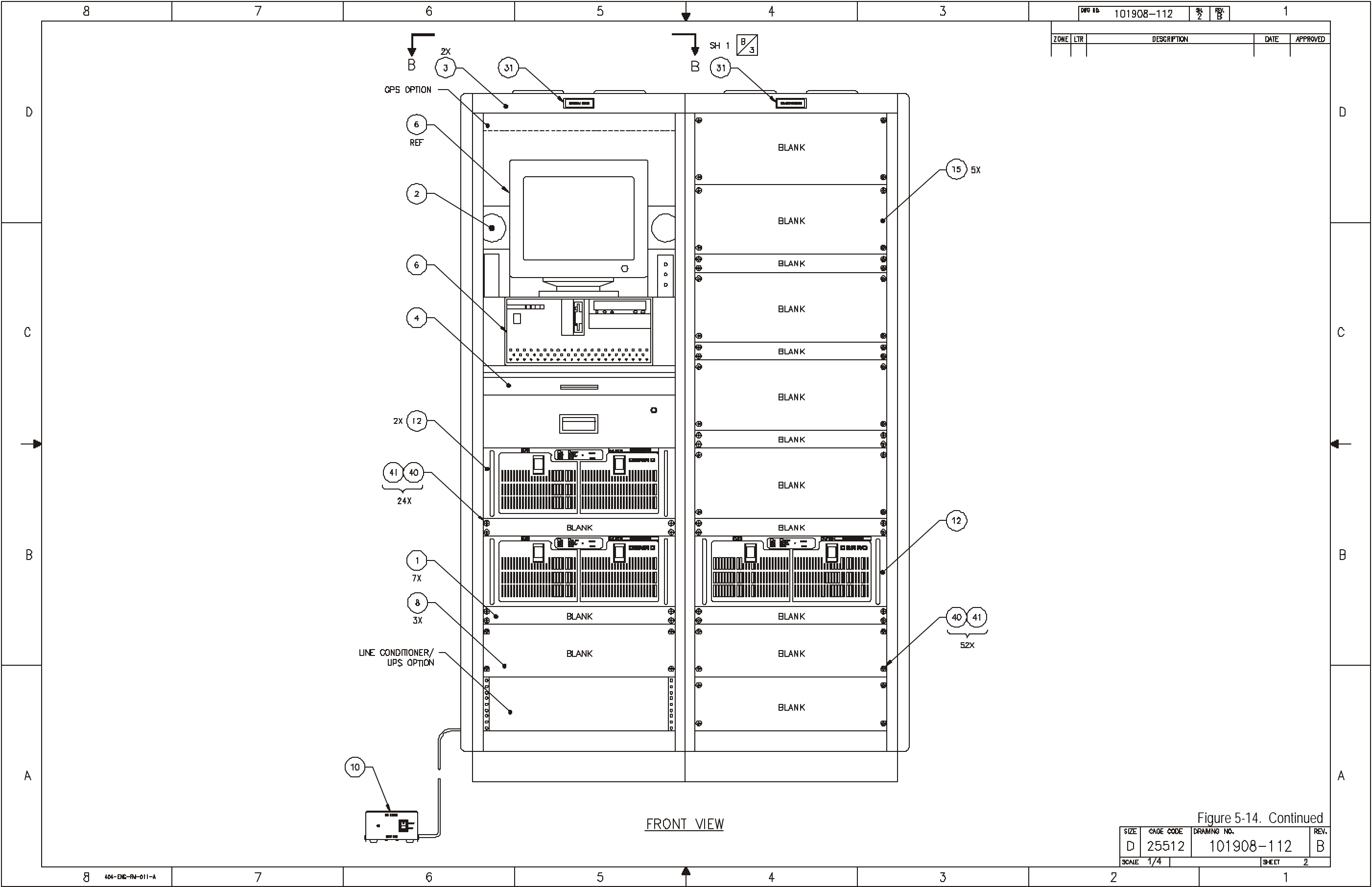
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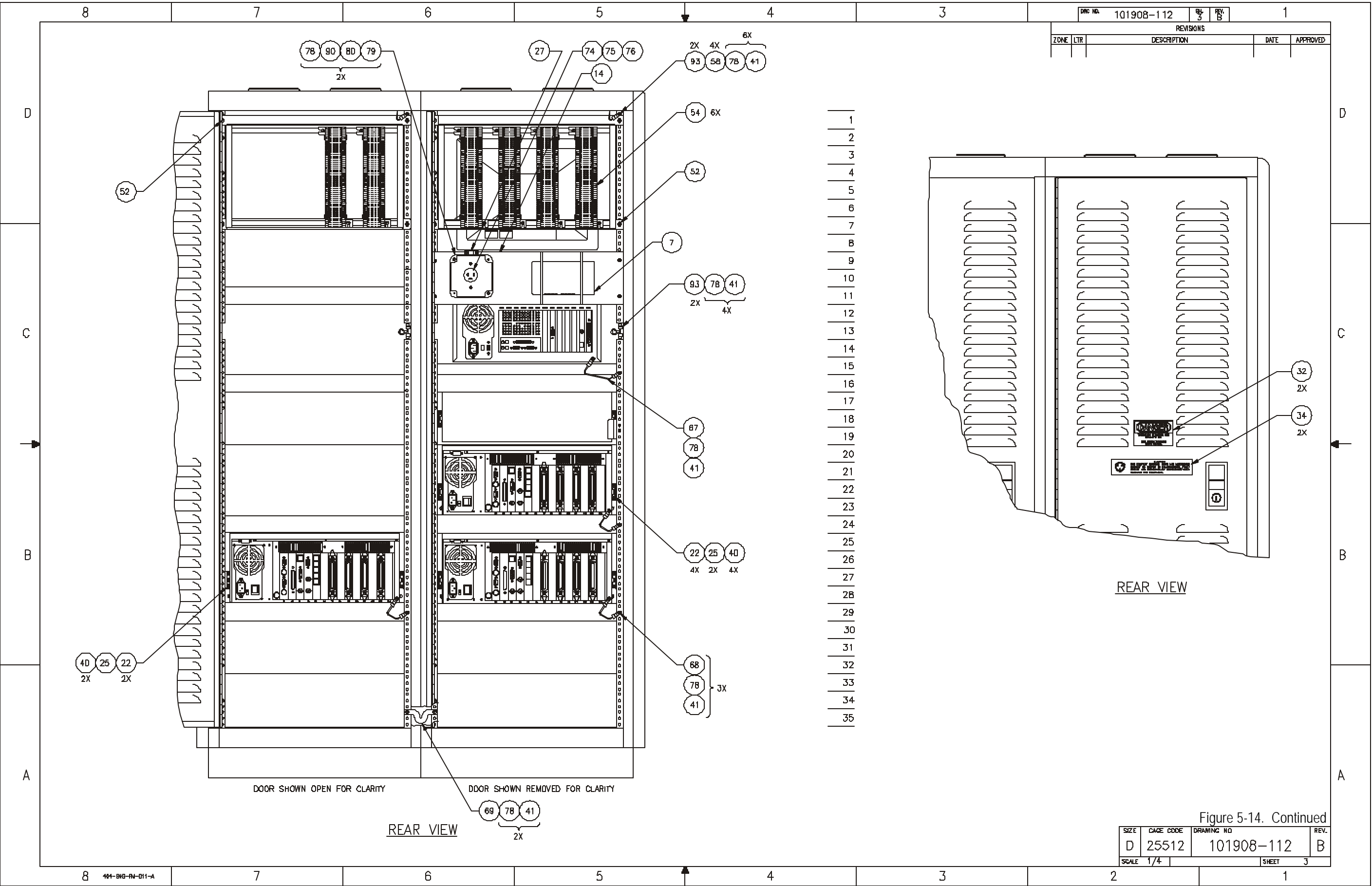
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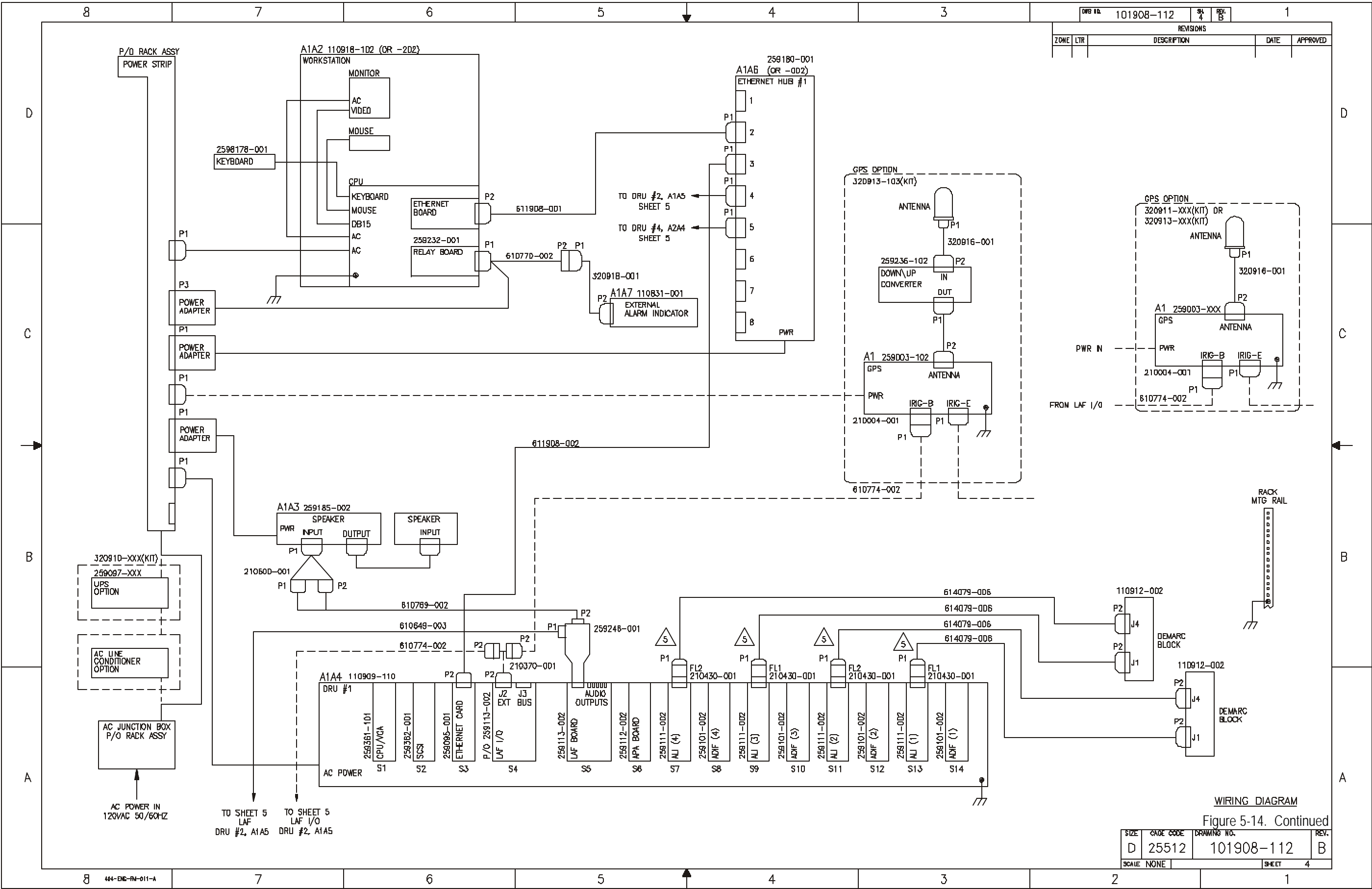
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2

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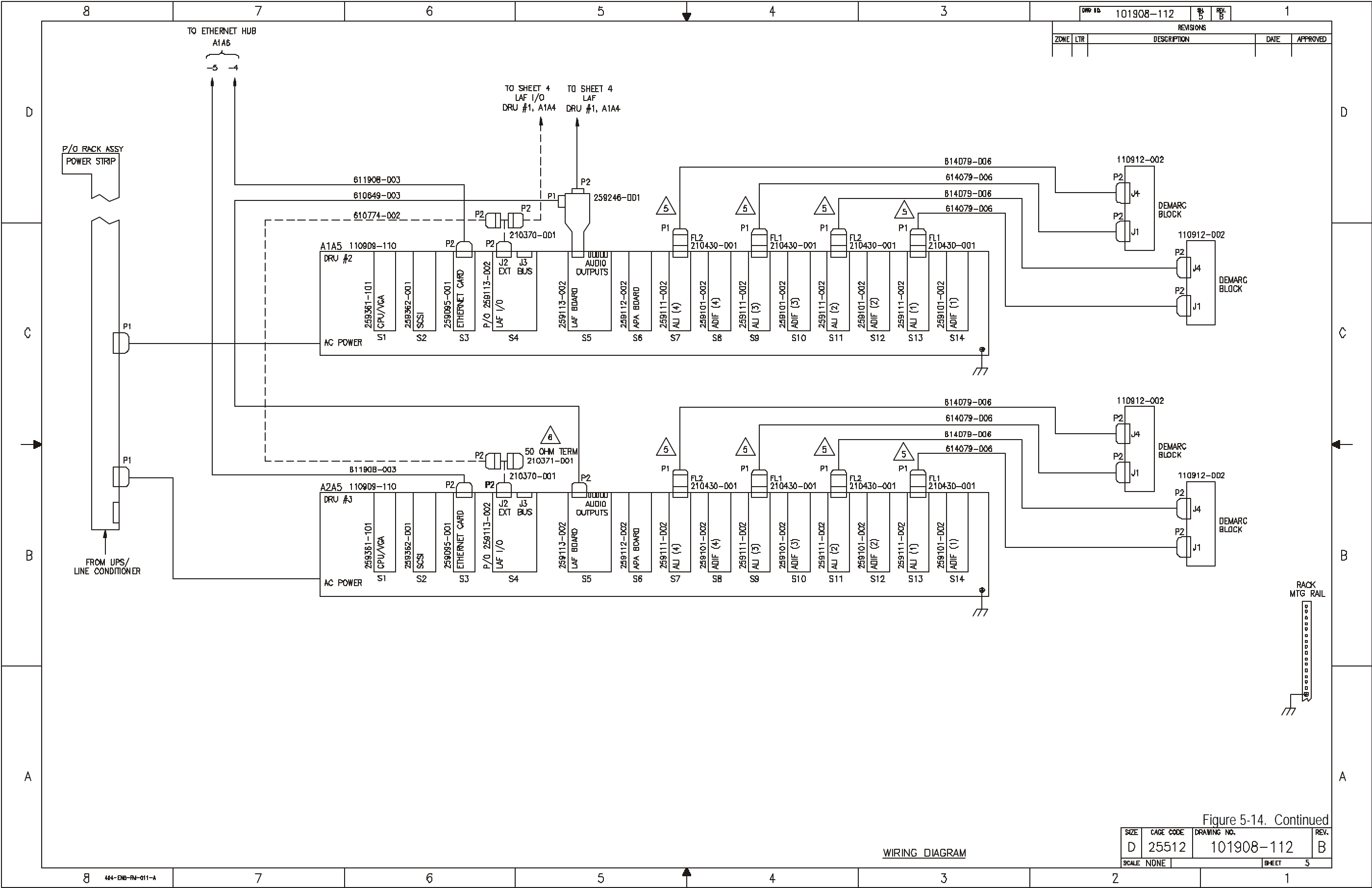
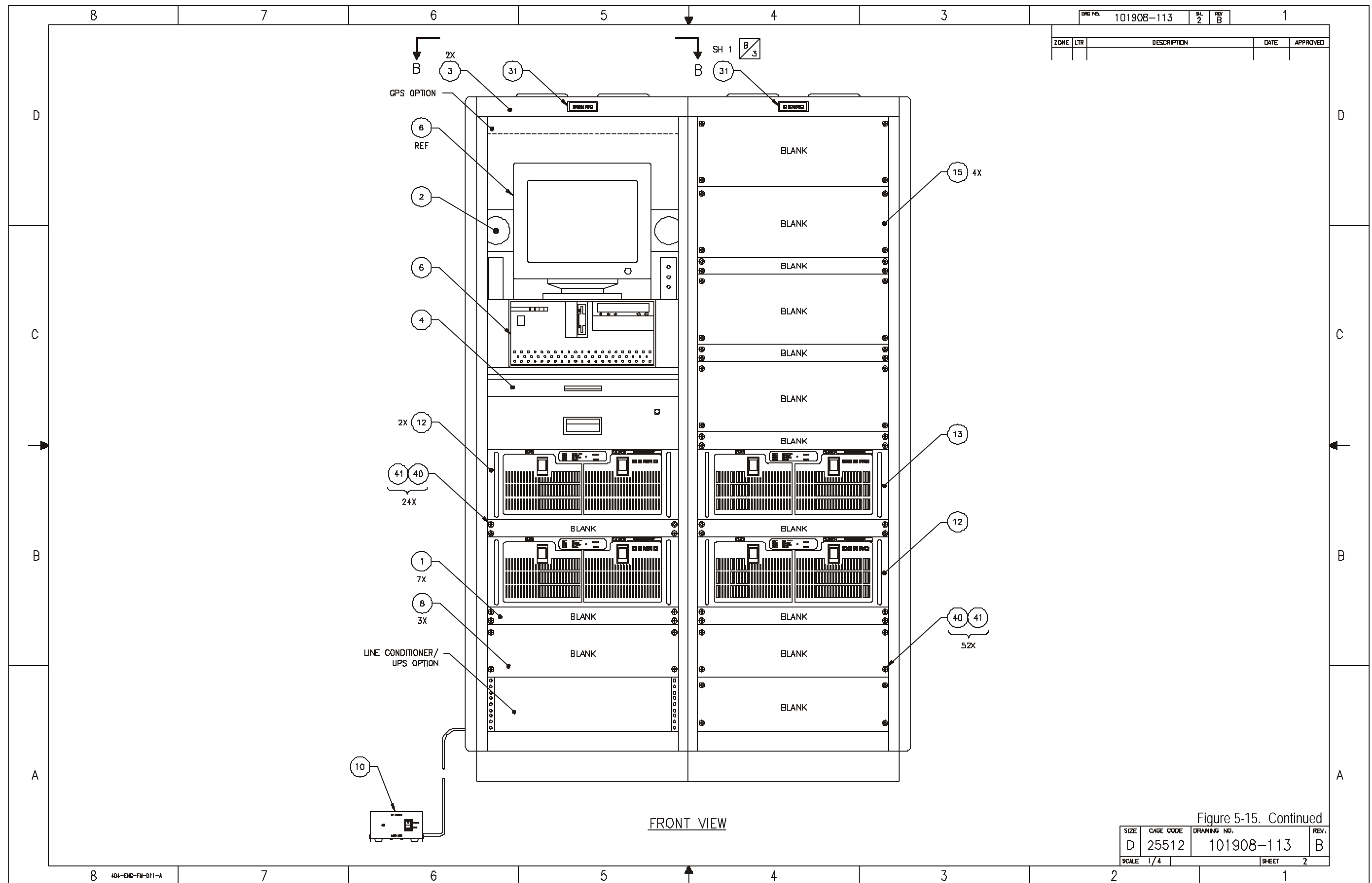
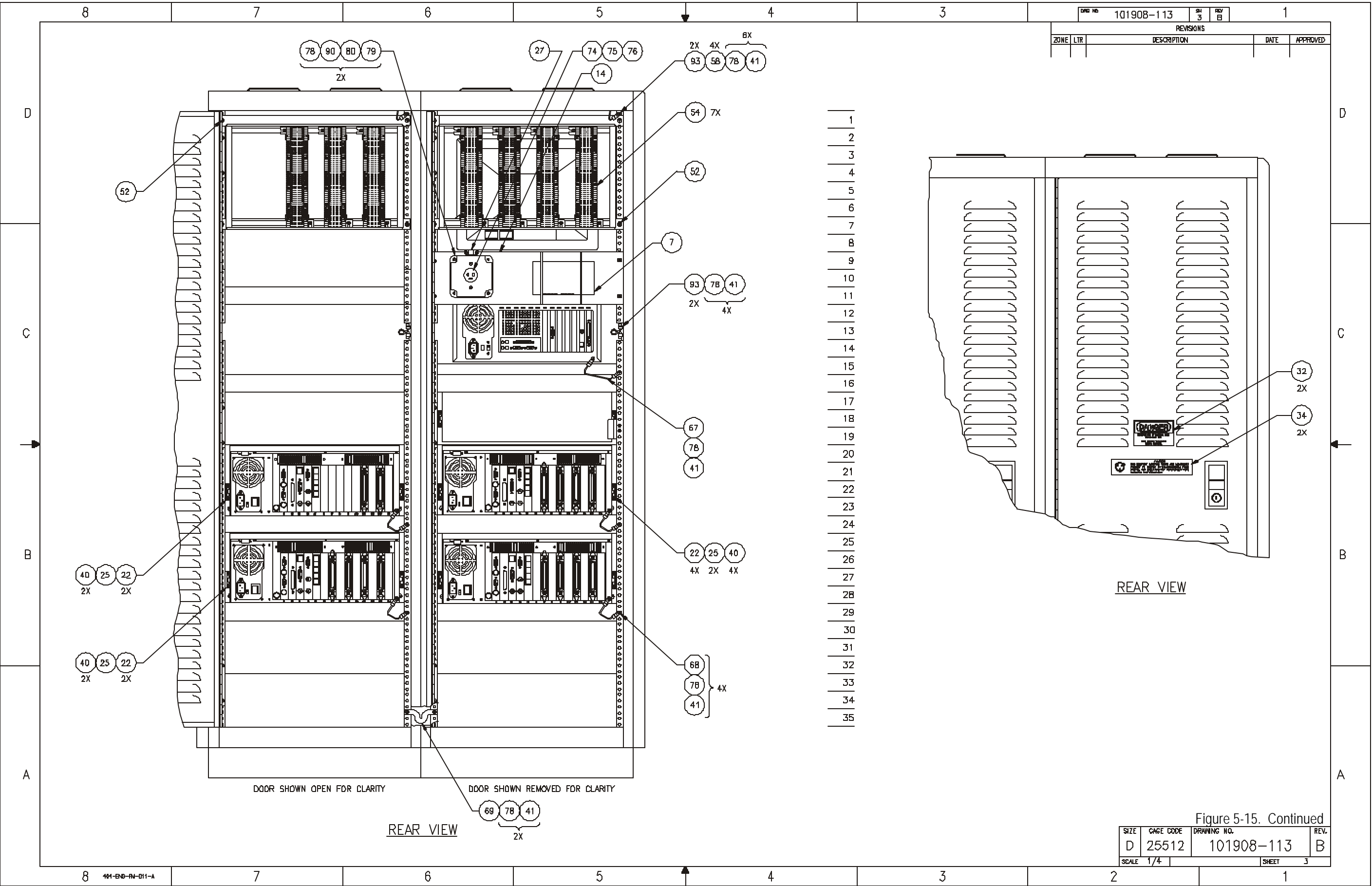
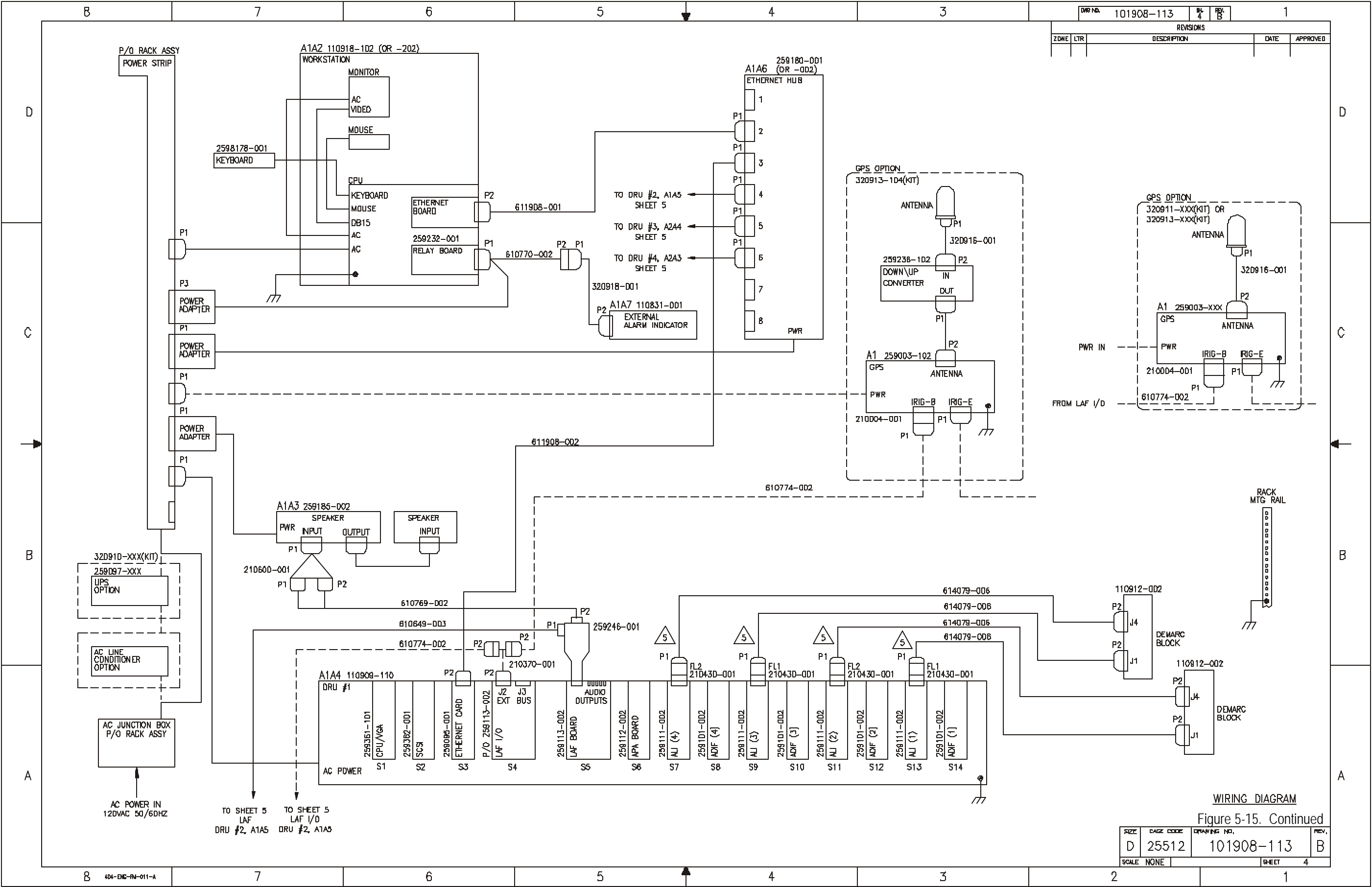


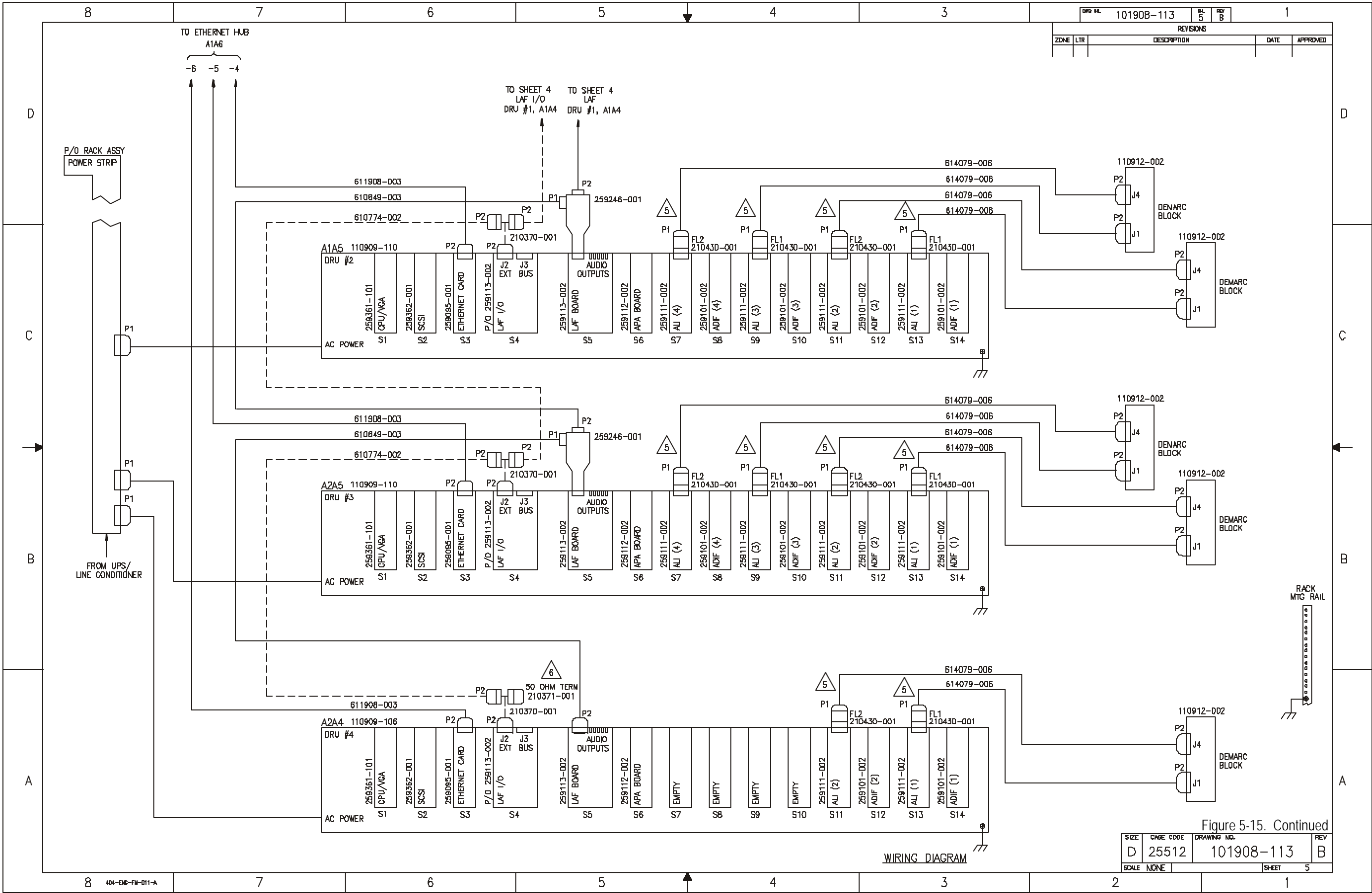
Figure 5-15 is a technical drawing of a Rack Assembly, DVR2, 336 Channel. The drawing is a front view, labeled "VIEW B-B". It shows a rectangular rack with a central panel featuring a large rectangular cutout at the top and two columns of horizontal slots below. Callouts indicate dimensions: 28 inches for the top panel, 2X 28 inches for the central panel, and 8X 39 inches for the bottom panel. The drawing is part of a set of 10 sheets, with this being sheet 1 of 10. The drawing is titled "Figure 5-15. Rack Assembly, DVR2, 336 Channel". The drawing is a front view, labeled "VIEW B-B". It shows a rectangular rack with a central panel featuring a large rectangular cutout at the top and two columns of horizontal slots below. Callouts indicate dimensions: 28 inches for the top panel, 2X 28 inches for the central panel, and 8X 39 inches for the bottom panel. The drawing is part of a set of 10 sheets, with this being sheet 1 of 10. The drawing is titled "Figure 5-15. Rack Assembly, DVR2, 336 Channel".

Figure 5-15. Rack Assembly, DVR2, 336 Channel









8 7 6 5 4 3 2 1

8 404-BNC-FW-010-A 7 6 5 4 3 2 1

NOTES UNLESS OTHERWISE SPECIFIED

1. INTERPRET DRAWING IAW ML-STD-100.
2. ~~WORKMANSHIP TO BE IAW ML-STD-100, REQUIREMENT D.~~
3. PRECAUTIONARY PACKAGING, HANDLING AND PROCESSING PROCEDURES SHALL BE USED TO PREVENT DAMAGE FROM ELECTROSTATIC, ELECTROMAGNETIC AND OTHER ENVIRONMENTAL FIELD FORCES.
4. FIND NOS 5, 11, 29, 53, 55 THRU 57, 60, 61, 63 THRU 65, 82, 100 ARE USED BUT NOT SHOWN ON FIELD OF DRAWING. SEE SEPARATE PARTS LIST.
5. BUNDLE CABLES WITH RACK EQUIPMENT SLIDES IN FULLY EXTENDED POSITION.
6. 50 OHM TERMINATION, 210371-001. USED WITH GPS OPTION TO BE INSTALLED IN LAST DRU IN SERIES.

28 2X 26 8X 39

SH 2 4 3 3 VIEW B-B

CAUTION SENSITIVE ELECTRONIC DEVICES SEE SEPARATE PARTS LIST

QTY REQ	CAGE CODE	PART OR IDENTIFYING NO.	NONENCLATURE OR DESCRIPTION	MATERIAL/SPECIFICATION	FIND NO.
PARTS LIST					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES			CONTRACT NO. DTFA01-95-C-00005		
DECIMALS ANGULAR			DRAWN VINOD PATEL DATE 2001-02-14		
XX ± .01 ± 1°			CHECK B. BURKE 2001-03-02		
XXX ± .005 DO NOT SCALE DWG.			DESIGN V. PATEL 2001-03-02		
MATERIAL			ENG. F. DIETSCH 2001-03-02		
FINISH			PROJ. ENG. F. DIETSCH 2001-03-02		
MANUFACTURING ENGRG W.H./S. IPL/ITO 2001-03-02			SIZE D		
QUALITY ASSURANCE R. TQMS 2001-03-02			CAGE CODE 25512		
ADDITIONAL APPROVALS DATE APPLICATION			DRAWING NO. 101908-114		
			REV. B		
			SCALE 1/4		
			SHEET 1 OF 5		

8 404-BNC-FW-010-A 7 6 5 4 3 2 1

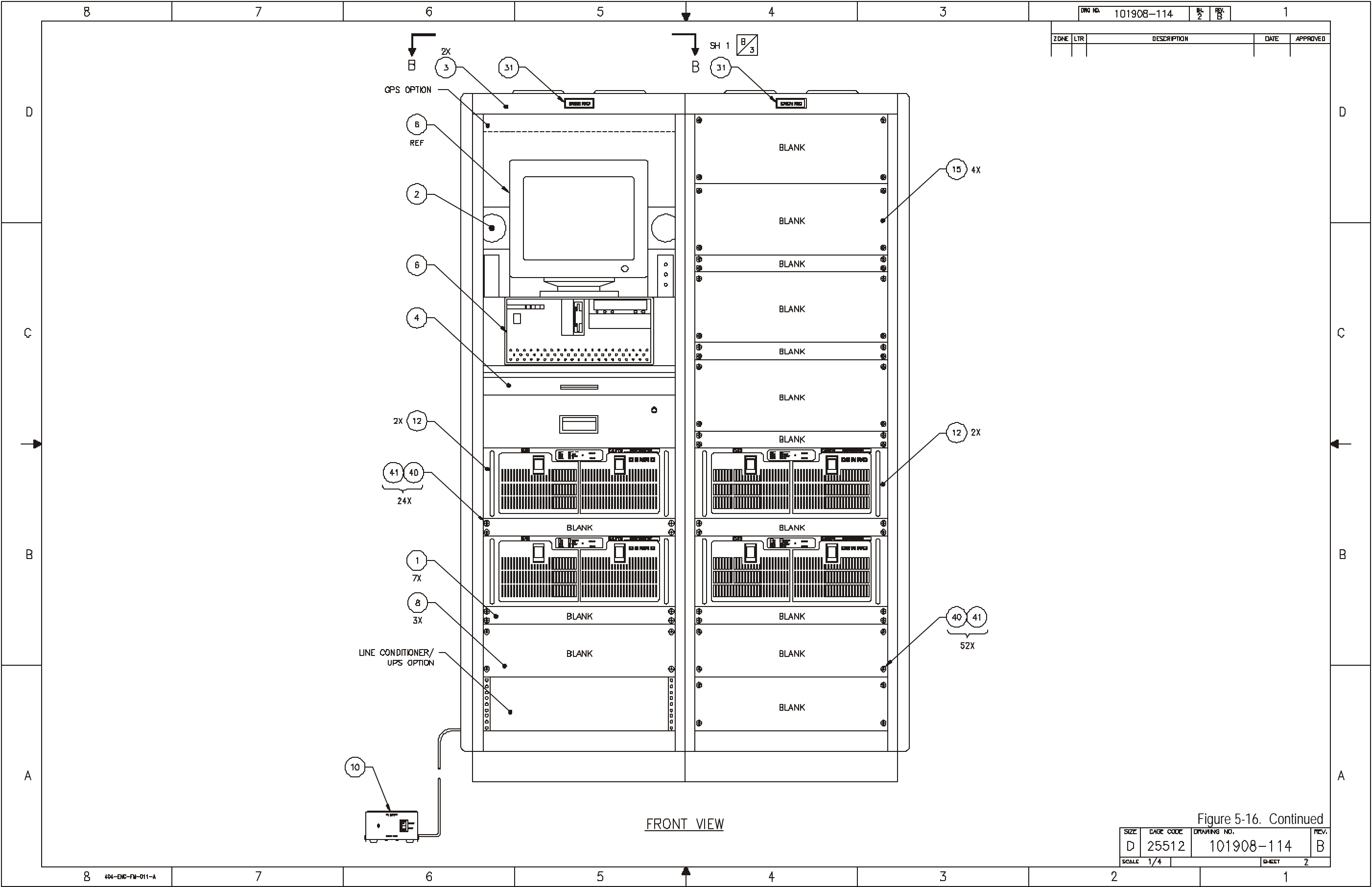


Figure 5-16. Continued

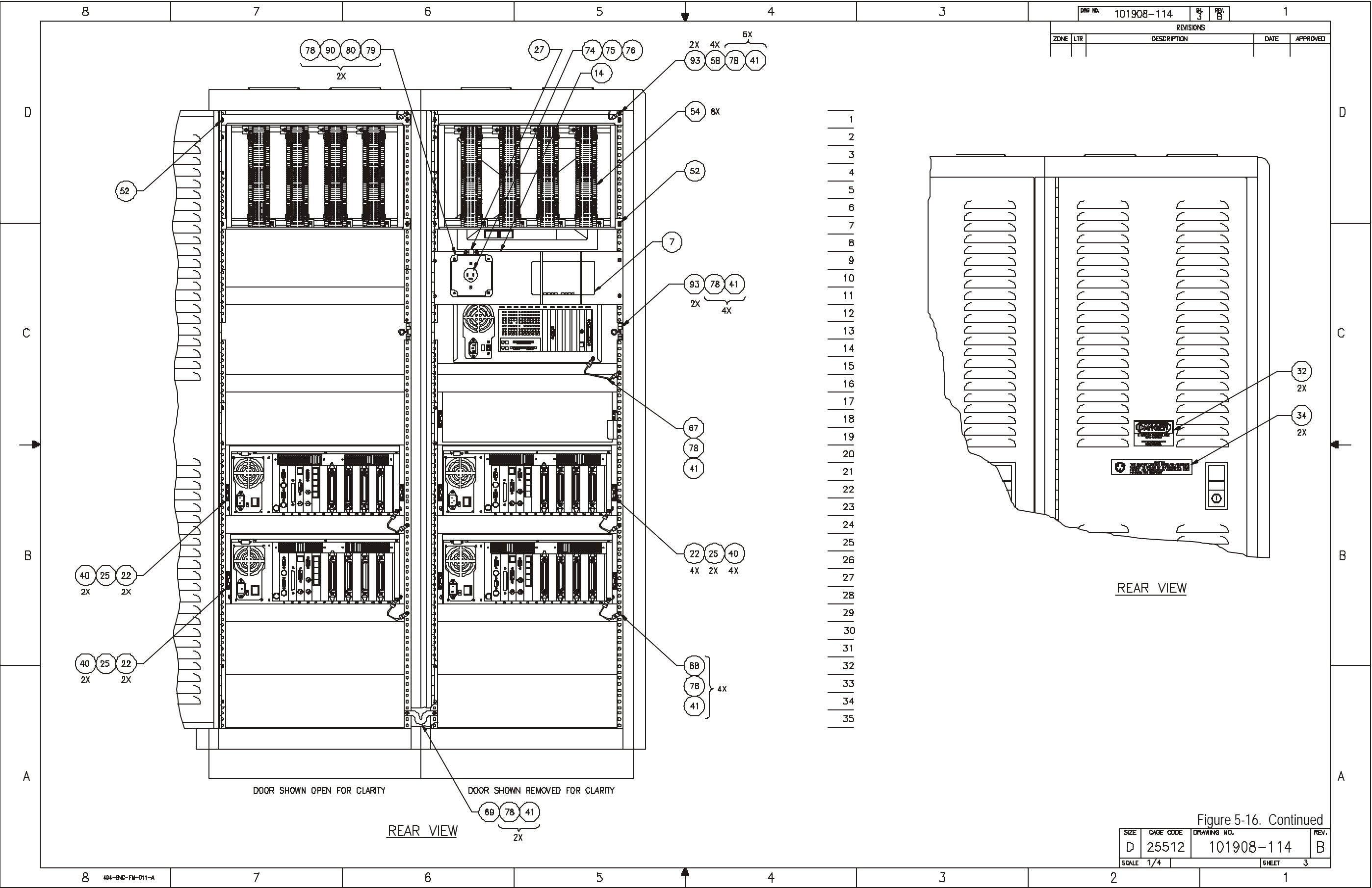
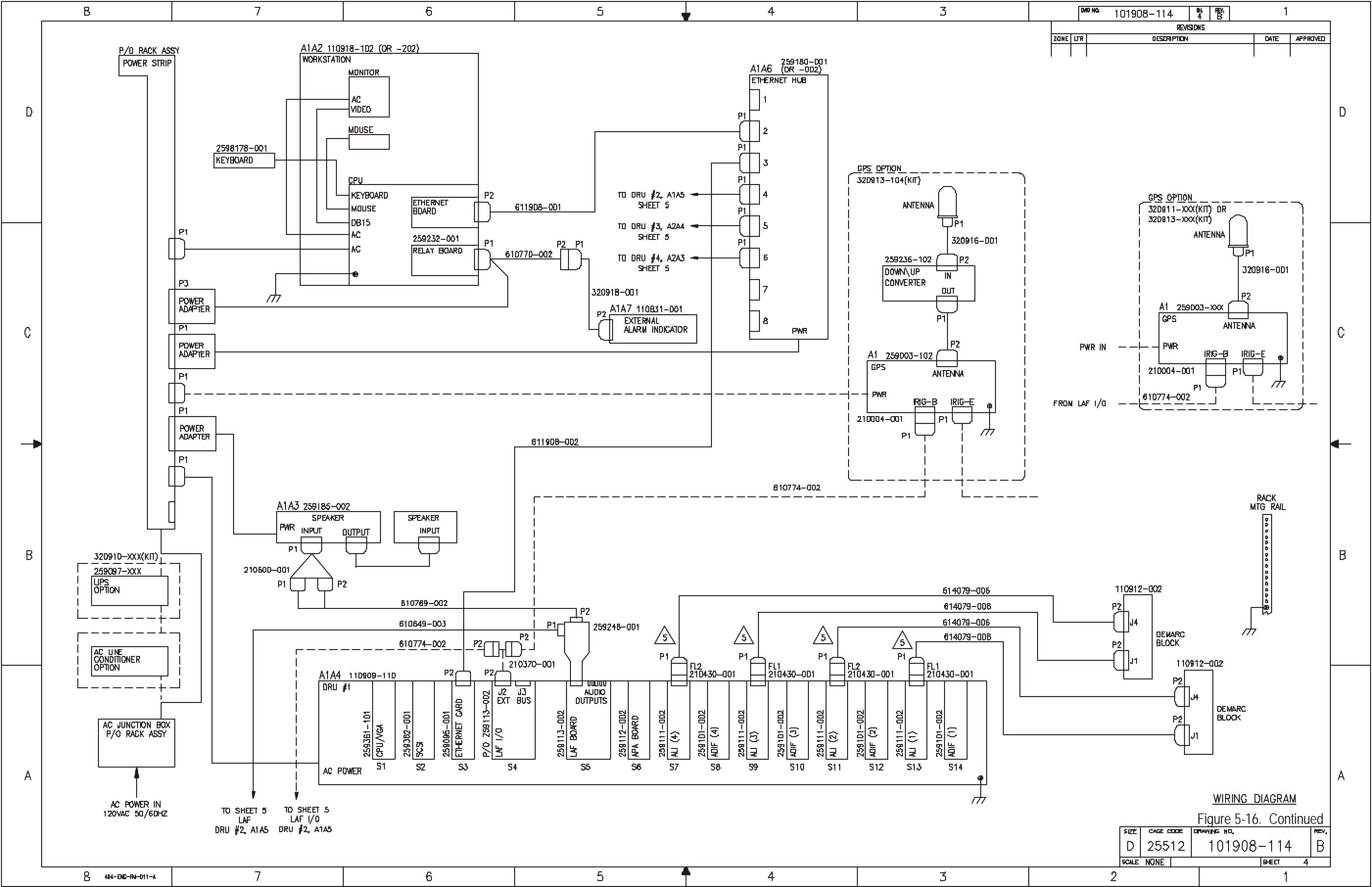


Figure 5-16. Continued



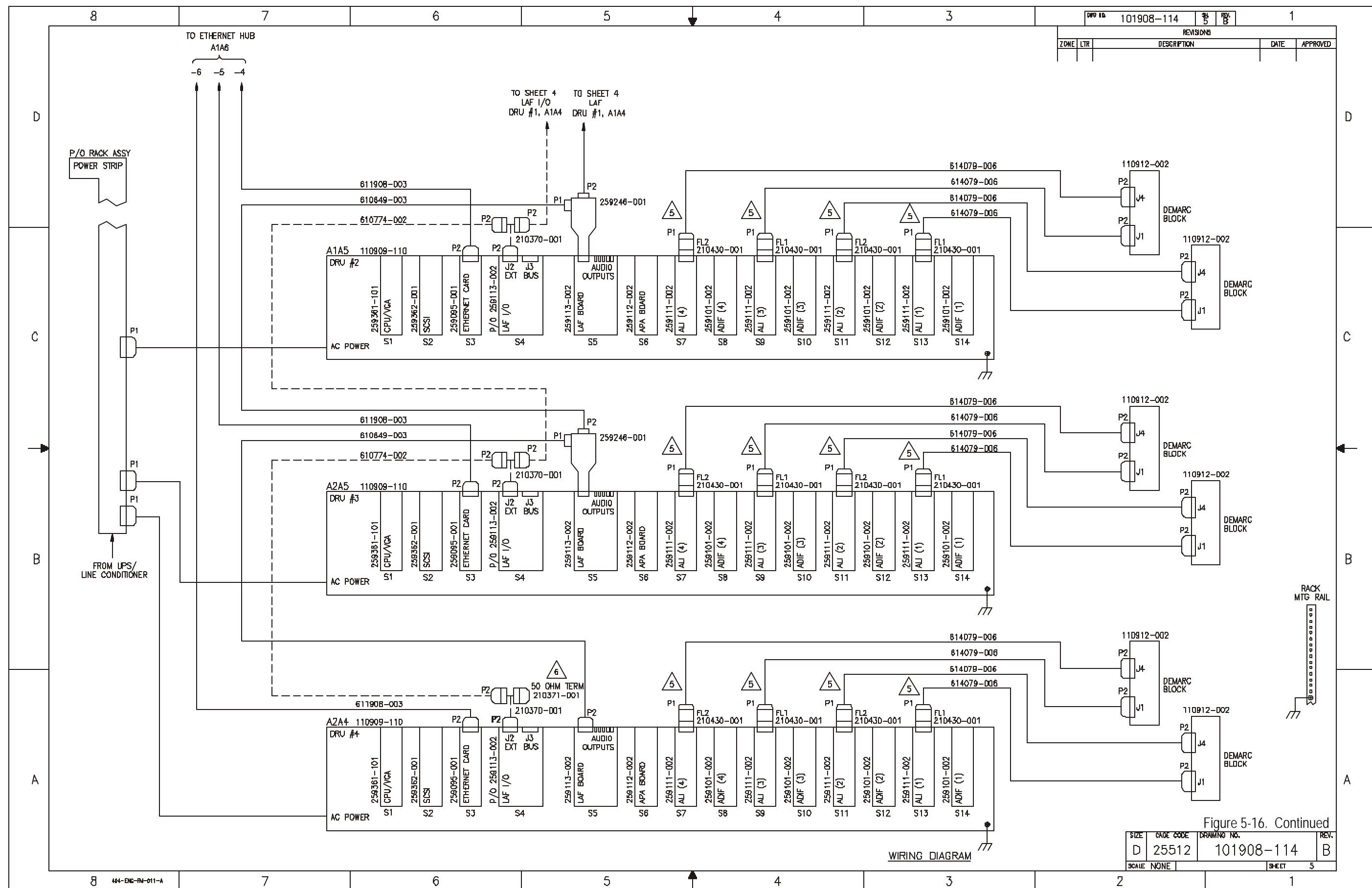
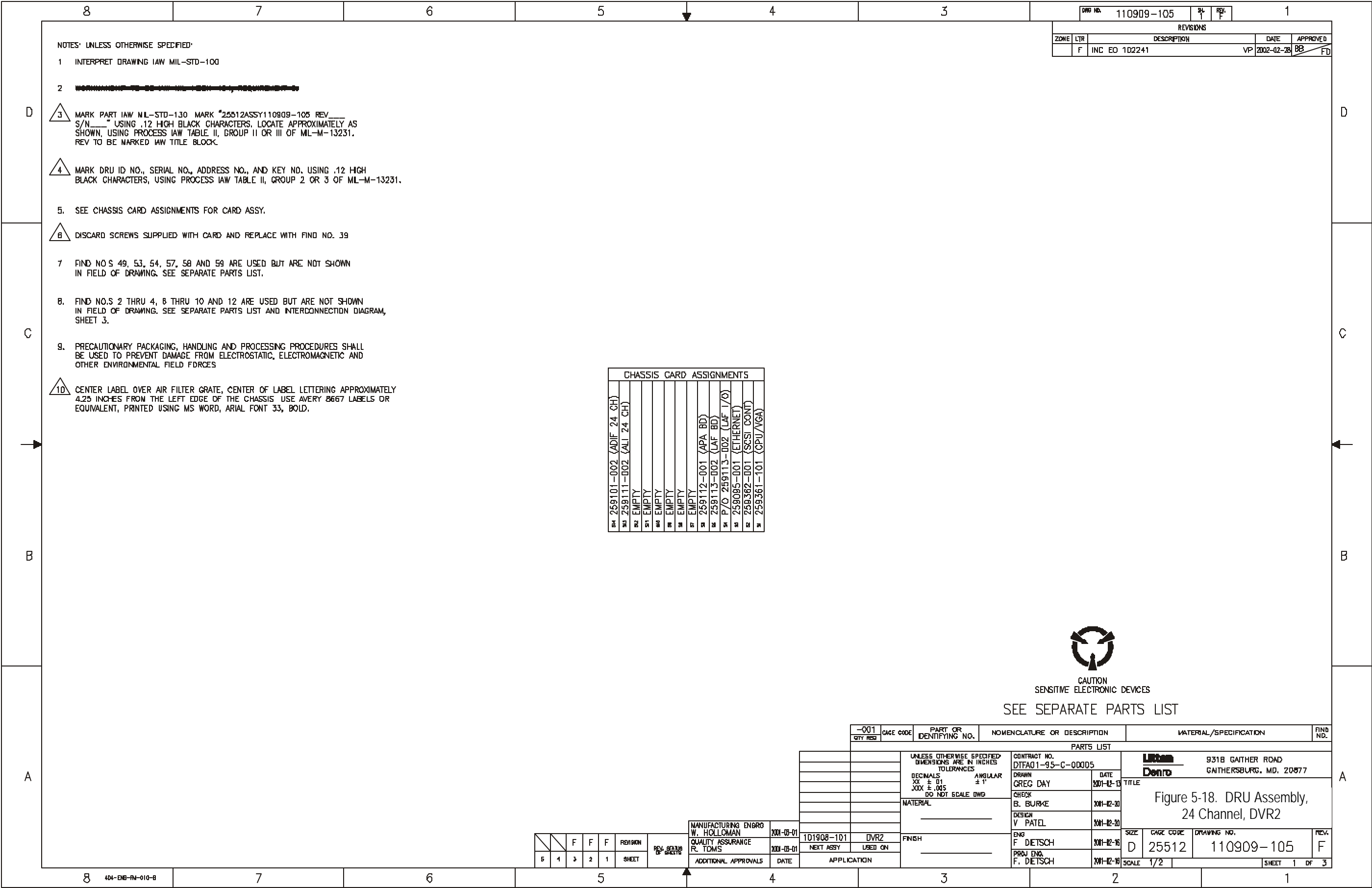
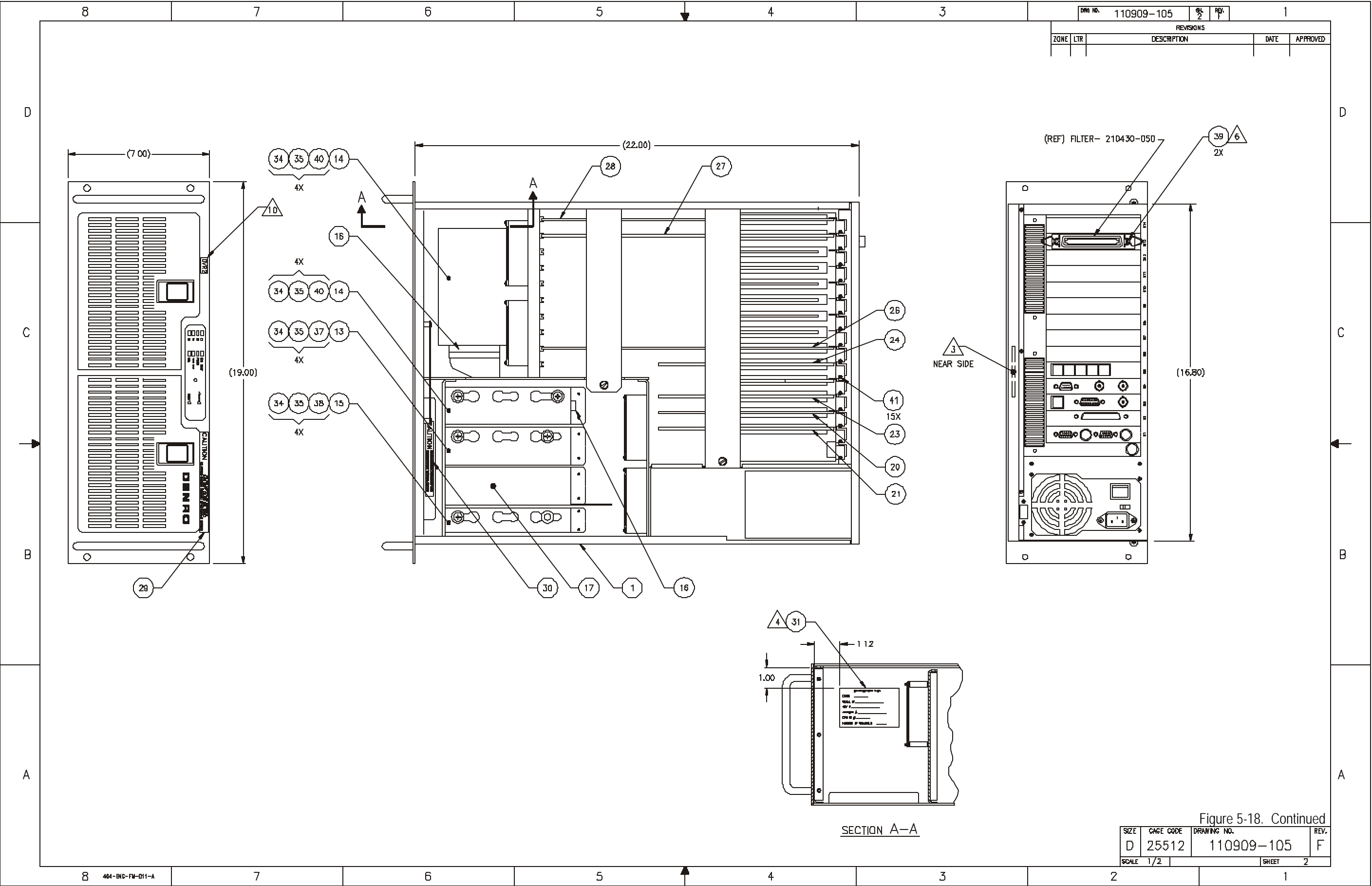


Figure 5-16. Continued

SIZE	CAGE CODE	DRAWING NO.	REV.
D	25512	101908-114	E
SCALE	NONE	SHEET	5

[illegible]





8

7

6

5

4

3

110909-106

1

1

F

REV. 1

REV. F

ZONE

LTR

DESCRIPTION

DATE

APPROVED

F

INC ED 102241

VP

2002-02-28

BS

FD

NOTES, UNLESS OTHERWISE SPECIFIED.

1. INTERPRET DRAWING IAW MIL-STD-100.

2. WORKMANSHIP TO BE IAW MIL-HDBK 161, REQUIREMENT 8.

3. MARK PART IAW MIL-STD-130. MARK "25512ASSY110909-106 REV. S/N. " USING .12 HIGH BLACK CHARACTERS. LOCATE APPROXIMATELY AS SHOWN, USING PROCESS IAW TABLE II, GROUP II OR III OF MIL-M-13231. REV TO BE MARKED IAW TITLE BLOCK.

4. MARK DRU ID NO., SERIAL NO., ADDRESS NO., AND KEY NO. USING .12 HIGH BLACK CHARACTERS, USING PROCESS IAW TABLE II, GROUP 2 OR 3 OF MIL-M-13231.

5. SEE CHASSIS CARD ASSIGNMENTS FOR CARD ASSY.

6. DISCARD SCREWS SUPPLIED WITH CARD AND REPLACE WITH FIND NO. 39.

7. FIND NOS 49, 53, 54, 57, 58 AND 59 ARE USED BUT ARE NOT SHOWN IN FIELD OF DRAWING. SEE SEPARATE PARTS LIST.

8. FIND NOS 2 THRU 12 ARE USED BUT ARE NOT SHOWN IN FIELD OF DRAWING. SEE SEPARATE PARTS LIST AND INTERCONNECTION DIAGRAM, SHEET 3.

9. PRECAUTIONARY PACKAGING, HANDLING AND PROCESSING PROCEDURES SHALL BE USED TO PREVENT DAMAGE FROM ELECTROSTATIC, ELECTROMAGNETIC AND OTHER ENVIRONMENTAL FIELD FORCES.

10. CENTER LABEL OVER AIR FILTER GRATE. CENTER OF LABEL LETTERING APPROXIMATELY 4.25 INCHES FROM THE LEFT EDGE OF THE CHASSIS. USE AVERY 8667 LABELS OR EQUIVALENT, PRINTED USING MS WORD, ARIAL FONT 33, BOLD.

CHASSIS CARD ASSIGNMENTS

1th	259101-002 (ADIF 24 CH)
2th	259111-002 (ALI 24 CH)
3th	259101-002 (ADIF 24 CH)
4th	259111-002 (ALI 24 CH)
5th	EMPTY
6th	EMPTY
7th	EMPTY
8th	EMPTY
9th	259112-001 (APA BD)
10th	259113-002 (LAF BD)
11th	P/O 259113-002 (LAF I/O)
12th	259085-001 (ETHERNET)
13th	259362-001 (SCSI CONT)
14th	259361-101 (CPU/VGA)

CAUTION

SENSITIVE ELECTRONIC DEVICES

SEE SEPARATE PARTS LIST

CONTRACT NO. DTFA01-B5-C-DD005

DATE 2001-12-13

DRAWN GREG DAY

CHECK B. BURKE

DESIGN V. PATEL

ENG. F. DIETSCH

PROJ. ENL. F. DIETSCH

8318 GAITHER ROAD, GAITHERSBURG, MD 20877

Figure 5-19. DRU Assembly, 48 Channel, DVR2

SIZE D

CAGE CODE 25512

DRAWING NO. 110909-106

REV. F

MANUFACTURING ENGRG W. HOLLOWMAN

QUALITY ASSURANCE R. TOMS

ADDITIONAL APPROVALS

DATE

APPLICATION

101908-103

NEXT ASSY

USED ON

5

4

3

2

1

SHEET

REV. BY

REV. DATE

8

404-ENG-PW-010-B

7

6

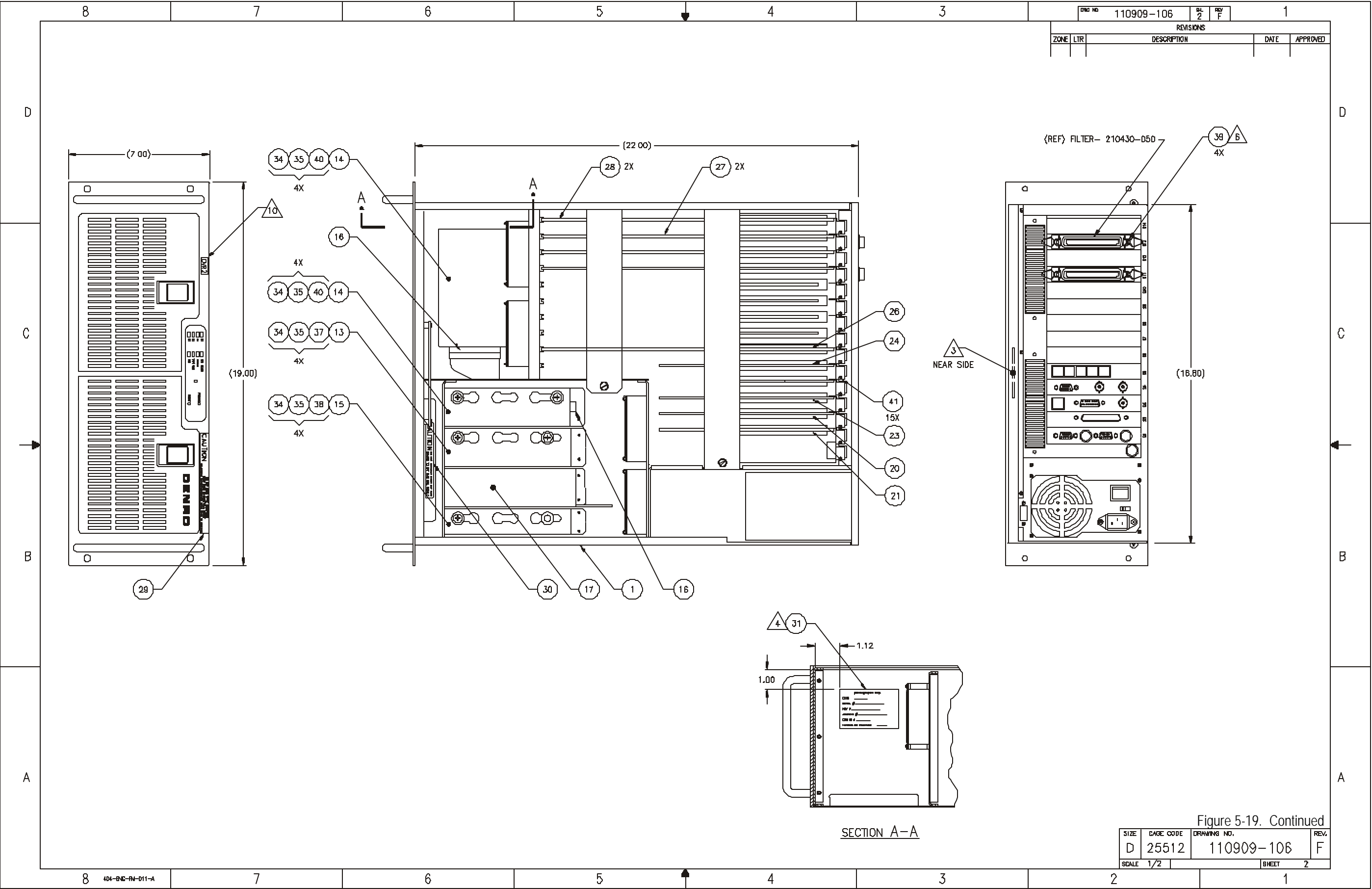
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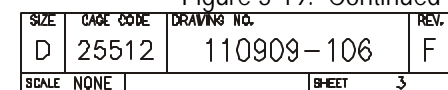
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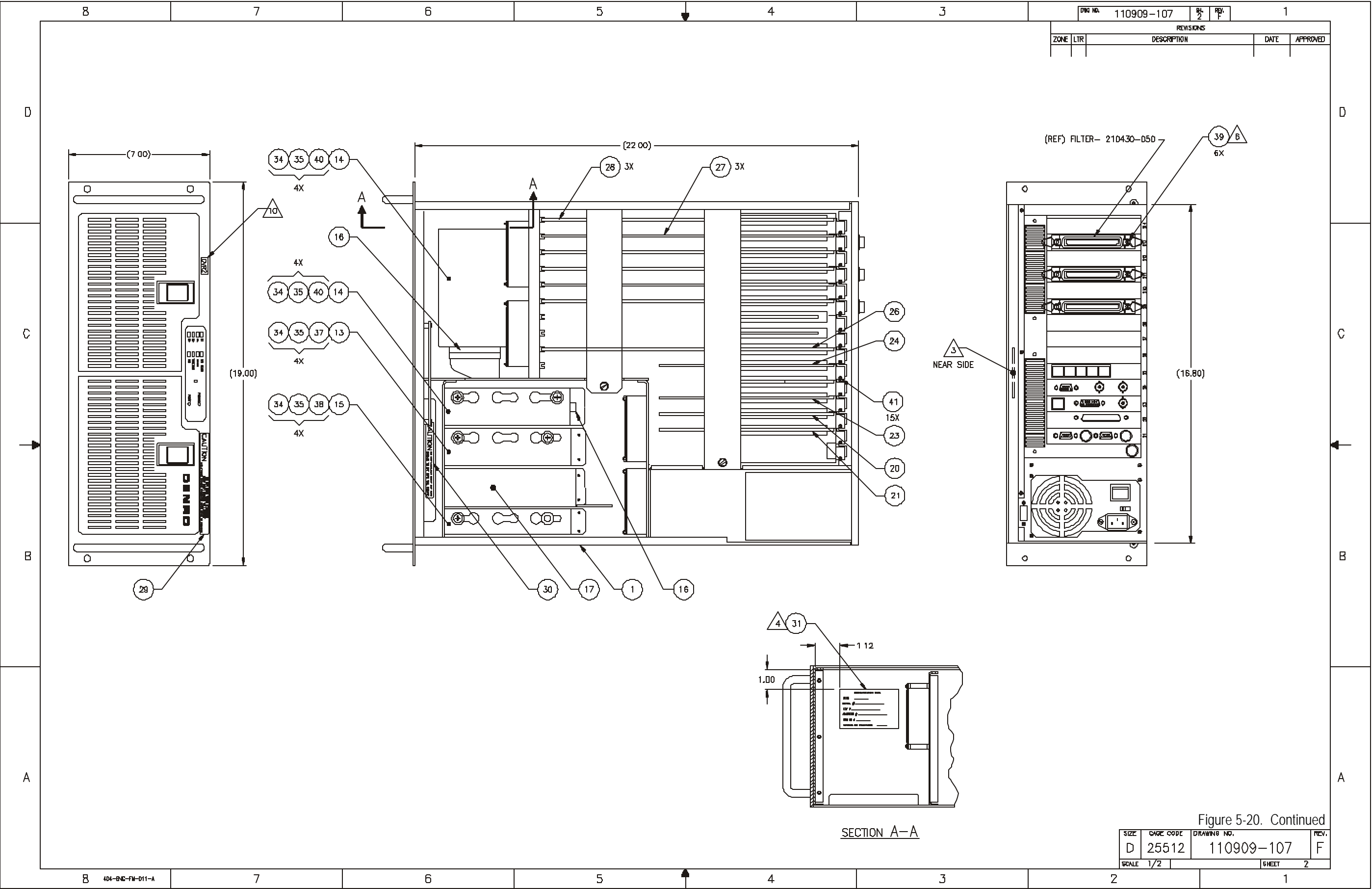
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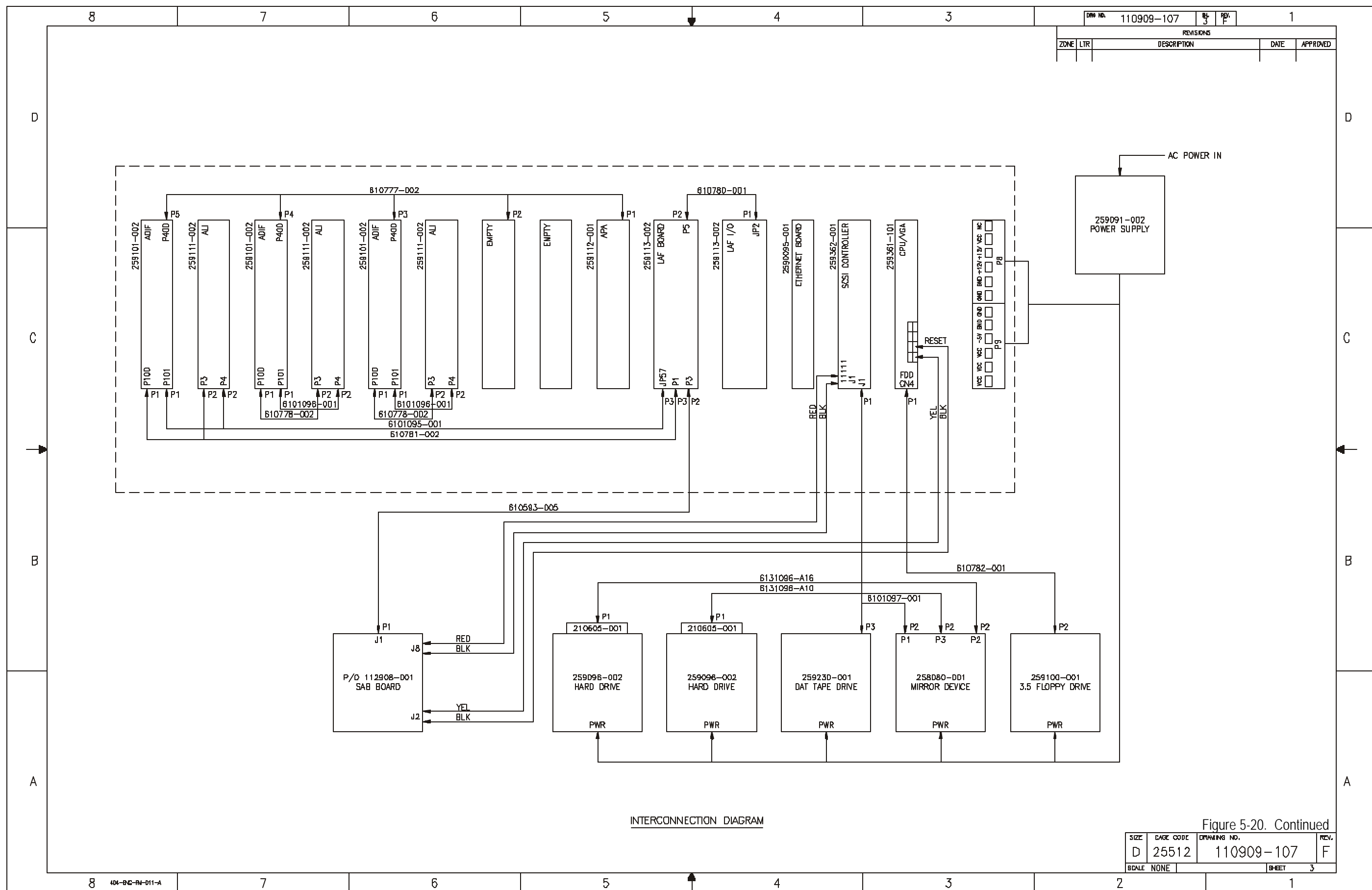
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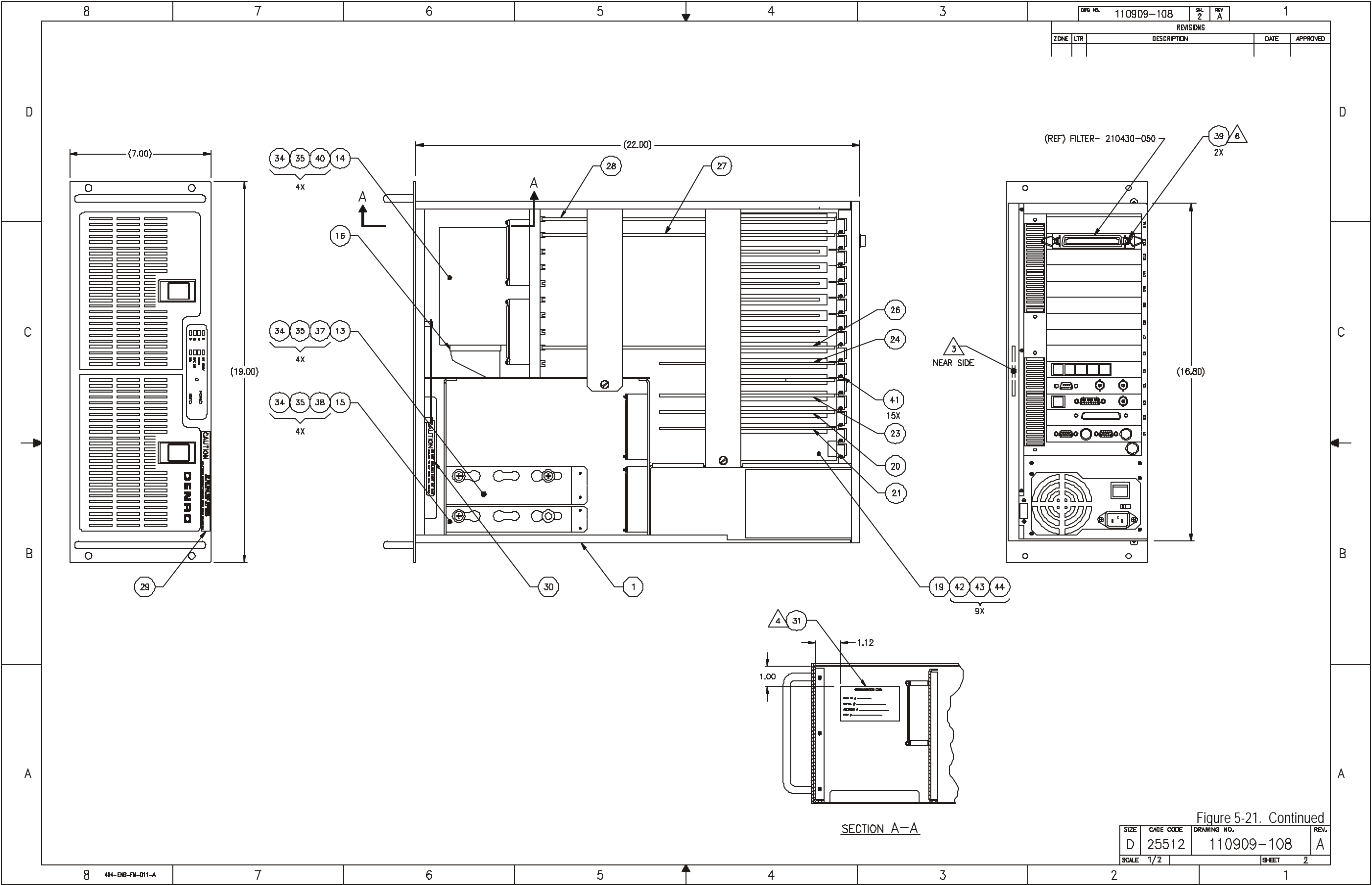
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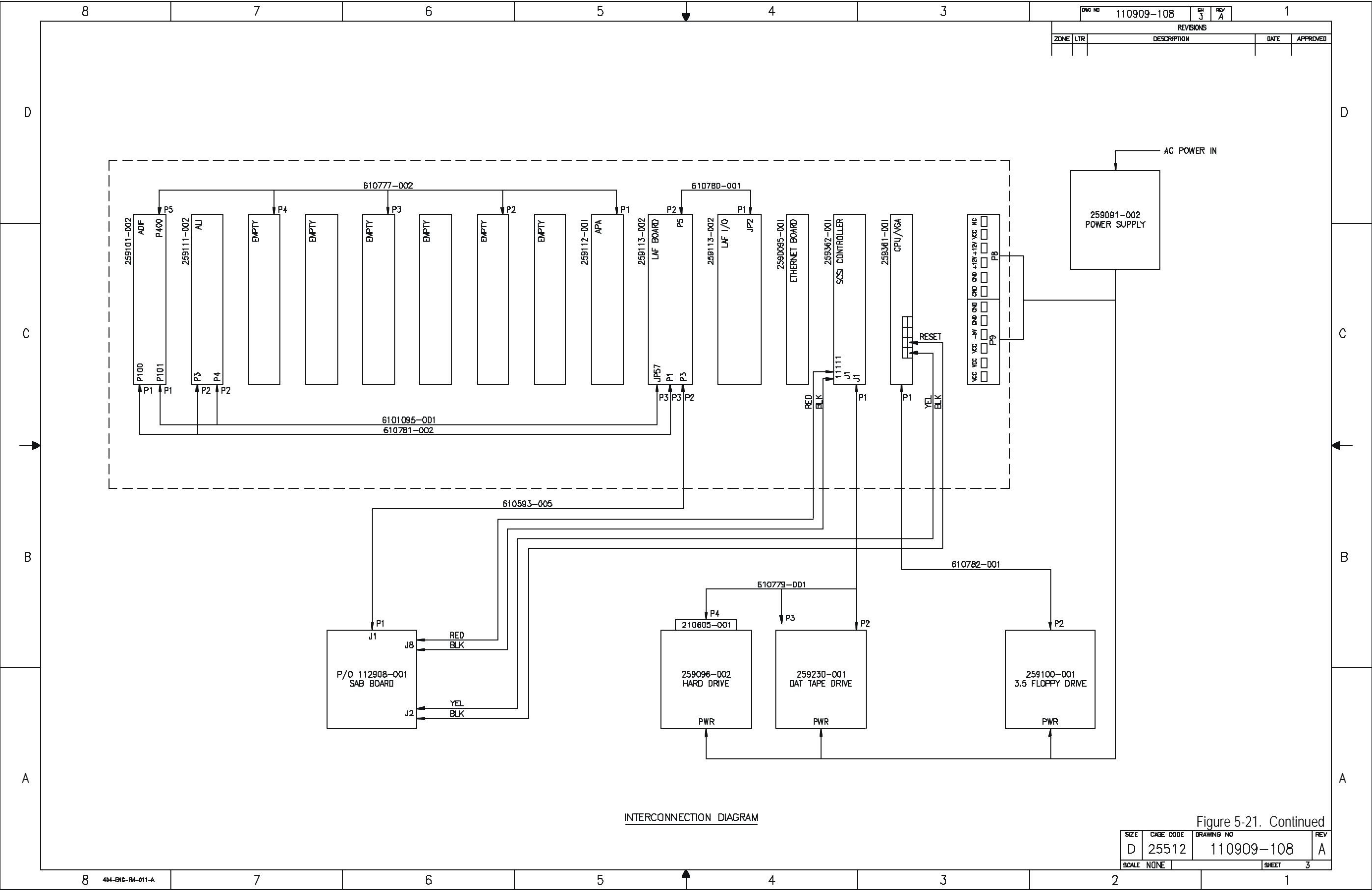












INTERCONNECTION DIAGRAM

Figure 5-21. Continued

SIZE	CAGE CODE	DRAWING NO	REV
D	25512	110909-108	A
SCALE	NONE	SHEET	3

8

7

6

5

4

3

DWG NO. 110909-110

BY F

REV F

1

NOTES. UNLESS OTHERWISE SPECIFIED.

1. INTERPRET DRAWING IAW MIL-STD-100.

2. ~~WORKMANSHIP TO BE IAW MIL-HDBK 451, REQUIREMENT 3.~~

3

MARK PART IAW MIL-STD-130, MARK "25512ASSY110909-110 REV. _____ S/N _____" USING .12 HIGH BLACK CHARACTERS. LOCATE APPROXIMATELY AS SHOWN, USING PROCESS IAW TABLE II, GROUP II OR III OF MIL-M-13231 REV TO BE MARKED IAW TITLE BLOCK.

4

MARK DRU ID NO., SERIAL NO., ADDRESS NO., AND KEY NO USING .12 HIGH BLACK CHARACTERS, USING PROCESS IAW TABLE II, GROUP 2 OR 3 OF MIL-M-13231.

5 SEE CHASSIS CARD ASSIGNMENTS FOR CARD ASSY

6

DISCARD SCREWS SUPPLIED WITH CARD AND REPLACE WITH FIND NO. 39

7. FIND NOS 49, 53, 54, 57, 58 AND 59 ARE USED BUT ARE NOT SHOWN IN FIELD OF DRAWING. SEE SEPARATE PARTS LIST.

8. FIND NOS 2 THRU 12 ARE USED BUT ARE NOT SHOWN IN FIELD OF DRAWING. SEE SEPARATE PARTS LIST AND INTERCONNECTION DIAGRAM, SHEET 3.

9. PRECAUTIONARY PACKAGING, HANDLING AND PROCESSING PROCEDURES SHALL BE USED TO PREVENT DAMAGE FROM ELECTROSTATIC, ELECTROMAGNETIC AND OTHER ENVIRONMENTAL FIELD FORCES

10

CENTER LABEL OVER AIR FILTER GRATE, CENTER OF LABEL LETTERING APPROXIMATELY 4.25 INCHES FROM THE LEFT EDGE OF THE CHASSIS. USE AVERY 8667 LABELS OR EQUIVALENT, PRINTED USING MS WORD, ARIAL FONT 33, BOLD.

CHASSIS CARD ASSIGNMENTS

259101-002 (ADIF 24 CH)
259111-002 (ALI 24 CH)
259101-002 (ADIF 24 CH)
259111-002 (ALI 24 CH)
259101-002 (ADIF 24 CH)
259111-002 (ALI 24 CH)
259101-002 (ADIF 24 CH)
259111-002 (ALI 24 CH)
259112-001 (APA BD)
259113-002 (LAF BD)
P/O 259113-002 (LAF I/O)
259095-001 (ETHERNET)
259362-001 (SCSI CONT)
259361-101 (CPU/VGA)

APPROVAL BLOCK

CHECK	DATE Y-M-D
DESIGN	
ENG.	
PROJ ENG.	
MAN ENG.	
QA	

CAUTION SENSITIVE ELECTRONIC DEVICES

SEE SEPARATE PARTS LIST

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

TOLERANCES

DECIMALS	ANGULAR
.XX ± .01	± 1°
.XXX ± .005	
DO NOT SCALE DWG	

MATERIAL

FINISH

CONTRACT NO. DTFA01-95-C-00005

DRAWN GREG DAY

CHECK B. BURKE

DESIGN V. PATEL

ENG F. DIETSCH

PROJ ENG F. DIETSCH

DATE 2001-02-13

DATE 2001-02-20

DATE 2001-02-20

DATE 2001-02-19

DATE 2001-02-19

9318 GAITHER ROAD

GAITHERSBURG, MD. 20877

TITLE

Figure 5-22. DRU Assembly, 96 Channel, DVR2

SIZE D

CAGE CODE 25512

DRAWING NO. 110909-110

REV. F

101908-106

DVR2

NEXT ASSY

USED ON

APPLICATION

MANUFACTURING ENGRG W. HOLLOWMAN

QUALITY ASSURANCE R. TONS

ADDITIONAL APPROVALS

DATE

2001-03-01

2001-03-01

5

4

3

2

1

8

7

6

5

4

3

2

1

404-ENG-RM-010-B

404-ENG-RM-010-B

404-ENG-RM-010-B

404-ENG-RM-010-B

404-ENG-RM-010-B

404-ENG-RM-010-B

404-ENG-RM-010-B

404-ENG-RM-010-B

Volume I DVR2 Baseline

5-127 /reverse blank

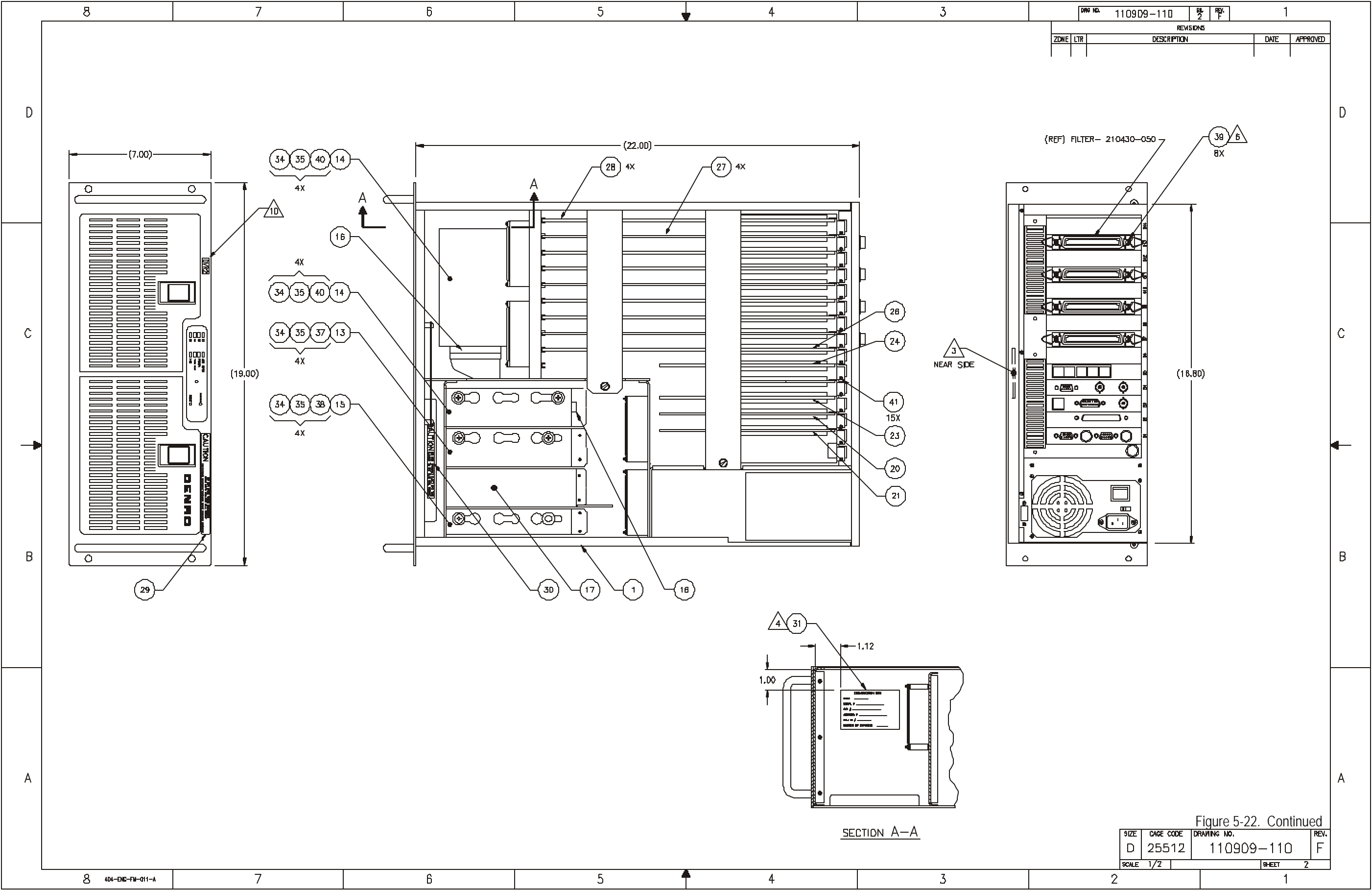
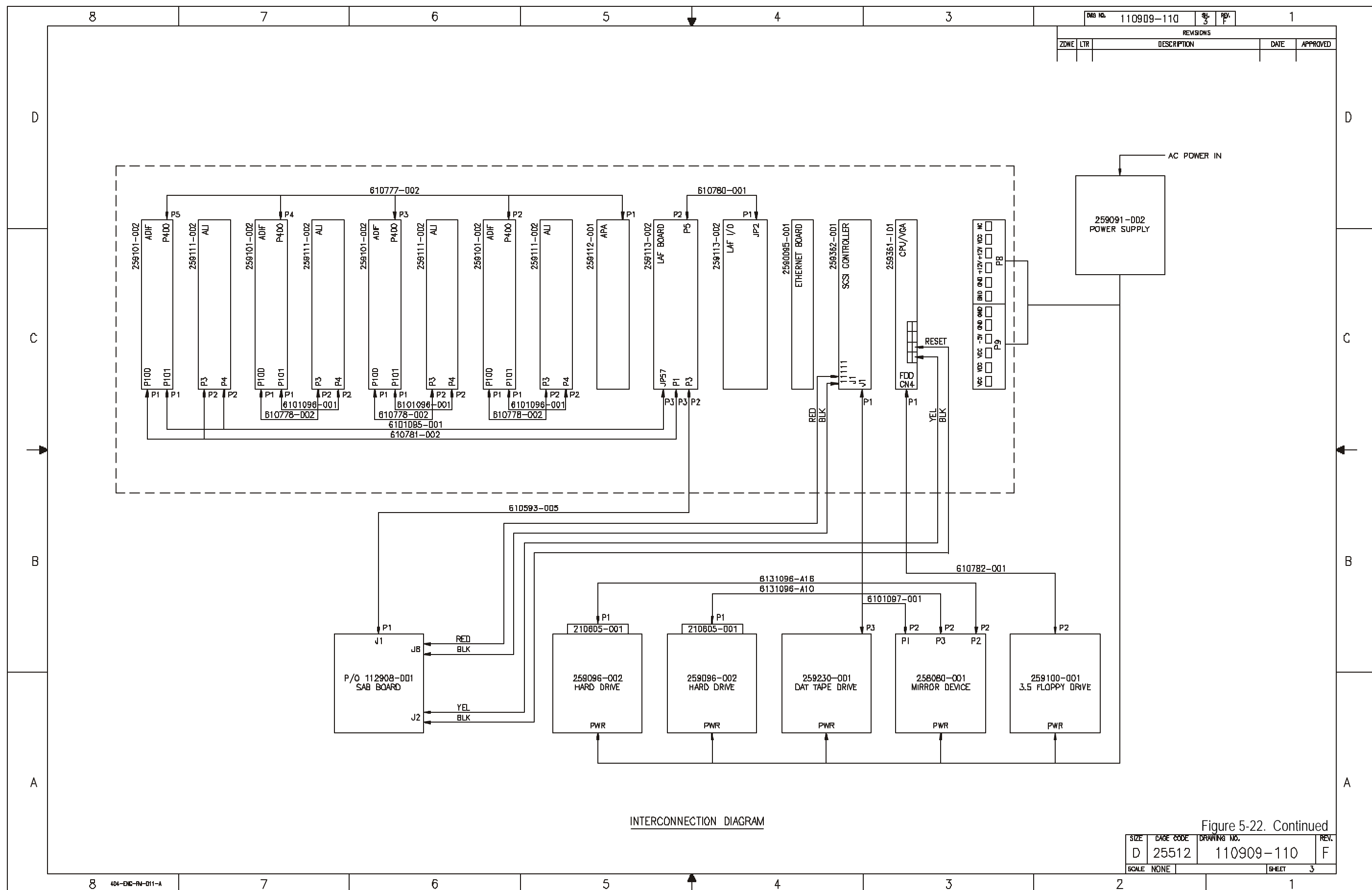
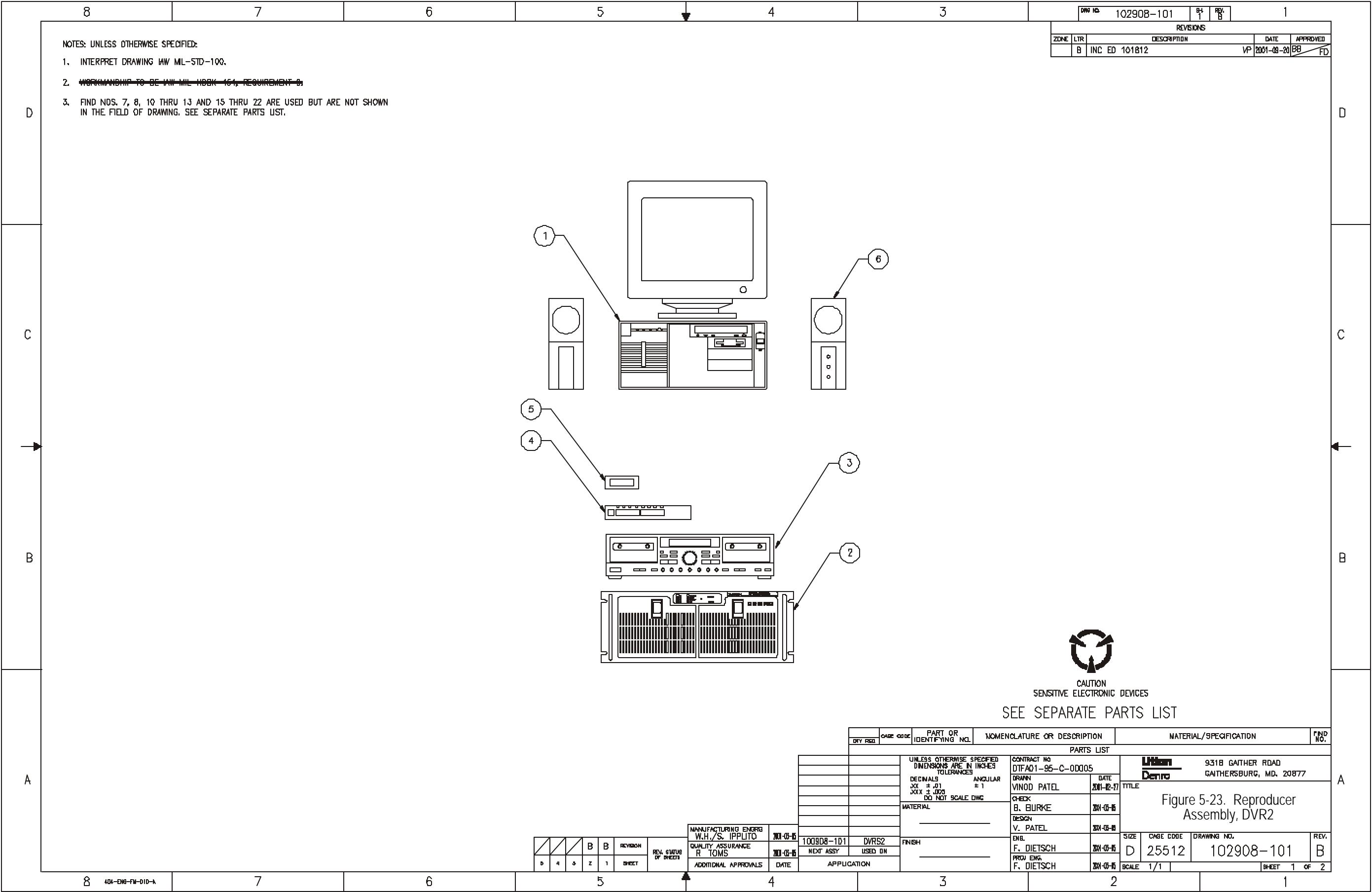


Figure 5-22. Continued



SIZE	CAGE CODE	DRAWING NO.	REV.
D	25512	110909-110	F
SCALE	NONE	SHEET	3



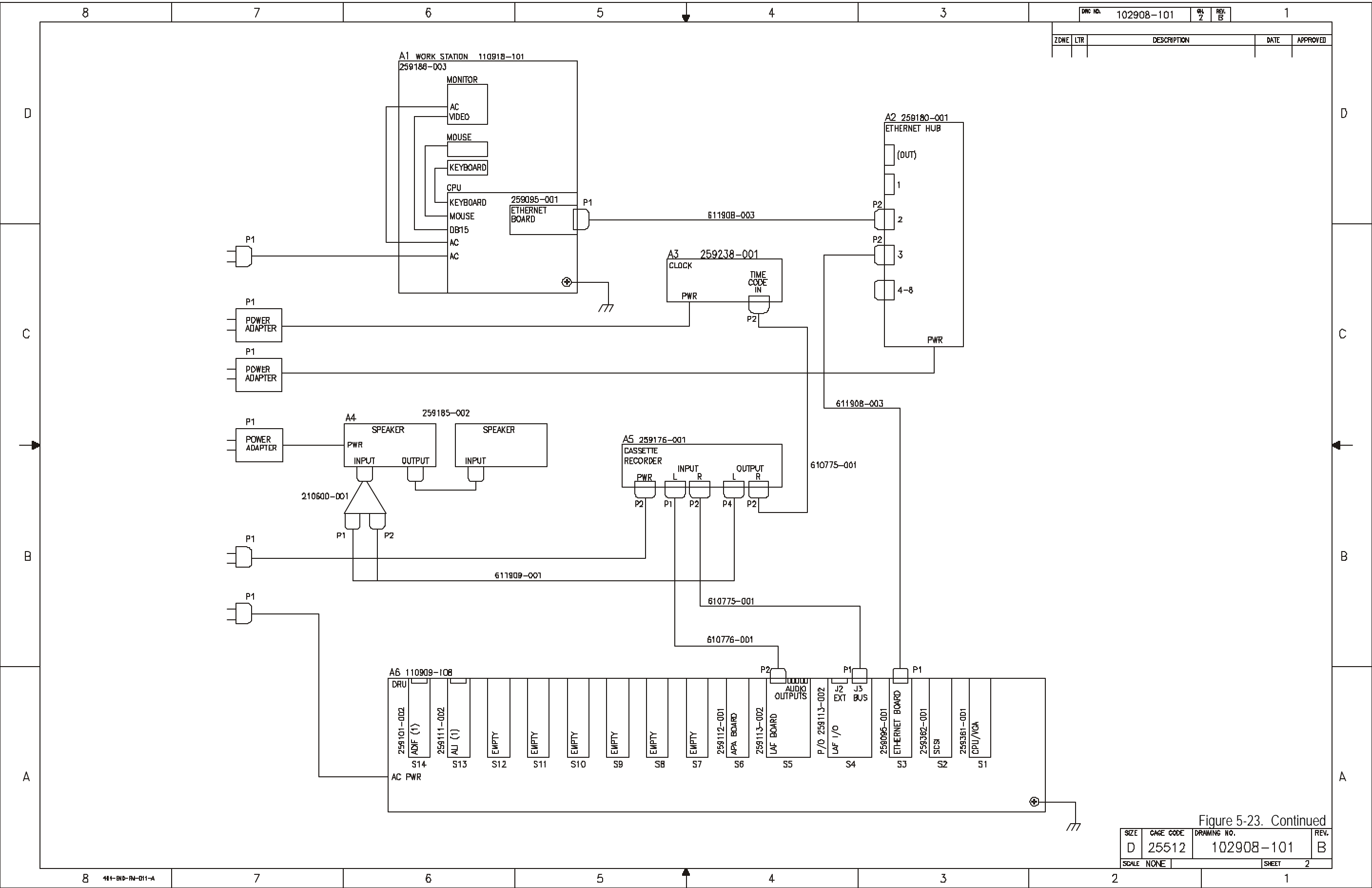


Figure 5-23. Continued

SIZE	CAGE CODE	DRAWING NO.	REV.
D	25512	102908-101	B
SCALE	NONE	SHEET	2

DWG NO. 110918-201

ZONE	LTR	DESCRIPTION	DATE	APPROVED
A	RELEASED		2002-02-12	BB FD

NOTES, UNLESS OTHERWISE SPECIFIED:

- INTERPRET DRAWING IAW MIL-STD-100.
- ~~WORKMANSHIP TO BE IAW MIL-HDBK-454, REQUIREMENT D.~~
- MARK DRU ID#, SERIAL#, ADDRESS# AND KEY# USING .12 HIGH BLACK CHARACTERS, USING PROCESS IAW TABLE II, GROUP II OR III OF MIL-M-13231.
- FIND NO.'S 9 AND 10 ARE USED BUT NOT SHOWN ON FIELD OF DRAWING. SEE SEPARATE PARTS LIST.

SEE SEPARATE PARTS LIST

CAGE CODE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL/SPECIFICATION	FIND NO.
DTFAQ1-95-C-00005		CONTRACT NO.		
VINOD PATEL		DRAWN		
B. BURKE		CHECK		
F. DIETSCH		DESIGN		
F. DIETSCH		ENG		
J. MATTINGLY		PROV ENG.		

REV	STATUS	OF SHEETS	REVISION	SHEET
1			A	1

MANUFACTURING ENGRG	W HOLLOWAN	2002-02-11
QUALITY ASSURANCE	R. TOMS	2002-02-11
ADDITIONAL APPROVALS	DATE	APPLICATION

1029QB-101	OVR2	FINISH
NEXT ASSY	USED DN	

SIZE	CAGE CODE	DRAWING NO.	REV.
D	25512	110918-201	A

SCALE	1/2	SHEET	1 OF 1

Figure 5-24, Workstation Assembly Reproducer, DVR2

Urban Design B318 GAITHER ROAD GAITHERSBURG, MD. 20877

